

HT-S780 • HT-S787C

7.1-Channel Home Theater Systems

All too often, home theater packages disappoint — underpowered, poorly engineered, and over-rated. Onkyo has emphatically resolved these shortcomings with the **HT-S780** 7.1-channel receiver/speaker package. In terms of power, the HT-S780 provides the all-immersive soundstage your music and movies deserve. Pumping out a powerful 110

watts per channel, it delivers with power and authority. And all the latest surround sound formats are supported, including Dolby Digital EX, Dolby Pro Logic IIx, DTS-ES and DTS 96/24. But sheer power means nothing without the audio circuitry design, technology and quality parts to back it up. Core elements - WRAT (Wide Range Amplifier Technology), Optimum Gain Volume Circuitry, 192 kHz/24-bit digital-to-analog converters, a 32-bit DSP processing chip and an H.C.P.S. (High Current Power Supply) - provide the backbone for home theater performance that is noticeably lacking in today's market. Admirably supported by the 7.1-channel speaker system (an impressive package in its own right), the HT-S780 distinguishes itself as a home theater system for the mid-to large-sized family home.

Otherwise identical, the **HT-S787C** adds the DV-CP702 6-disc carousel changer to bring hours of uninterrupted pleasure from DVDs and CDs, as well as MP3 and WMA CDs.



Showing the HT-S787C in silver—the HT-S780 is exactly the same without the DVD changer—and both are available in silver or black

FEATURES

DV-CP702 6-Disc DVD Changer

The ability to provide hours of endless entertainment is what sets the DV-CP702 apart from the rest. The exclusive 6-disc capability of this DVD/CD player lets you play almost limitless combinations of DVD video discs, music CDs, MP3 CDs, and even those pictures of your last vacation on JPEG picture encoded CDs. All of this brought to you from state-of-the-art 192 kHz/24-bit audio DACs and a 54 MHz/10-bit video DAC for one of the most technologically advanced carousel changers on the market. You may just find yourself staying at home a bit more often.

- ◆ 192 kHz/24-bit Audio DACs
- ◆ 54 MHz/10-bit Video DAC
- ◆ MP3 & WMA playback with on-screen display
- ◆ ID3 Tag Information Display
- ◆ VLSC (Vector Linear Shaping Circuitry)
- ◆ Direct Digital Path
- ◆ Component, composite and S-Video outputs
- ◆ Optical and coaxial digital outputs

HT-R530 Receiver

- ◆ 110-watt minimum of continuous RMS power to each of the seven channels into 8 ohms (2 channel driven) from 20 Hz to 20 kHz
- ◆ Provides DTS-ES Discrete/Matrix 6.1, DTS Neo:6, DTS 96/24, Dolby Digital EX, Dolby Pro Logic IIx decoding as well as Digital Sound Field Processing and Tri-Field Processing, and Cinema DSP surround technologies.
- ◆ With Crossover Adjustment, you can set the frequency at 60/80/100/120 or 150 Hz depending on your speaker's bass playback ability. This lets you more accurately match the performance characteristics of the subwoofer to your front speakers.
- ◆ Features 3 wideband component video inputs/1 output, 3 S-Video inputs/2 outputs, 4 digital inputs (3 optical and one coaxial), subwoofer pre-out, dot matrix FL display,
- ◆ Tuner features 40 AM/FM station presets (five groups, eight stations) automatic and manual tuning, Quartz PLL synthesized digital tuning
- ◆ H.C.P.S (High Current Power Supply Transformer), WRAT (Wide Range Amplifier Technology), Optimum Gain Volume Circuitry, discrete output stage for all channels, A-Form Listening Mode Memory, Easy-set speaker configuration; A/B Speaker Terminals
- ◆ CinemaFILTER, Optimum Gain Volume Circuitry
- ◆ Color-coded 5.1-multi-channel inputs for DVD-Audio and Super Audio CD;
- ◆ Color-coded banana plug compatible speaker posts (except Speaker B)
- ◆ Preprogrammed RI (Remote Interactive) Remote Control

HT-S780 • HT-S787C

HTP-530 Speaker Package

- ◆ You get two 2-way front speakers with dual woofers, a 2-way center-channel speaker with dual woofers and two 2-way surround speakers. All feature 1" balanced dome tweeters and color-coded speaker posts to make set up as easy as possible. To complete the home theater experience, you get an earth-shatteringly powerful 150-watt subwoofer to bring out LFEs (Low Frequency Effects) like you've never heard before.
- ◆ Color-coded dual banana plug compatible speaker posts (except speaker B). With color-coded inputs and outputs, you'll never have to worry about which wire goes to which input or output. Simply attach the color-coded label to the appropriate wire, attach the cable to the same colored input or output for fast and easy connection.
- ◆ Magnetically-shielded 130-watt (each) front speakers are equipped with 1" balanced dome tweeter and two 5¼" OMF cone woofers. They measure 7⅞" x 16½" x 9⅝" (WxHxD).
- ◆ Magnetically-shielded 130-watt (each) surround speakers are equipped with 1" balanced dome tweeter and 3⅞" cone woofer. They measure 6⅞" x 10⅞" x 4⅞" (WxHxD).
- ◆ Magnetically-shielded 130-watt center channel speaker is equipped with 1" balanced dome tweeter and two 4" cone woofers. Measures 15¼" x 6⅜" x 7⅞" (WxHxD).
- ◆ 230-watt powered subwoofer with 10" long-throw woofer for powerful and natural sounding bass; Auto stand by/on indicator. Measures 10⅞" x 20⅞" x 16⅞" (WxHxD).

HT-S870

6.1-Channel THX Select A/V Home Theater Package

If you're going to own a DVD player that takes your video experience to unprecedented levels, it makes sense to take your sound experience to the same level—especially in this era of integrated home theater. The HT-S870 system combines the



6.1-channel THX Select HT-R820THX A/V receiver and a unique speaker package to create one killer system sure to please even the most demanding home theater enthusiasts. The 6.1-channel receiver is rated at 130 watts per channel. It features THX Surround EX, DTS-ES Discrete/Matrix 6.1, DTS Neo:6, DTS 96/24, Dolby Digital EX, Dolby Pro Logic IIx decoding; 96 kHz/24-Bit DACs for all channels, HDTV-capable (50 MHz) component video switching (2 Inputs/1 Output). Completing the package is a unique maple and gray speaker package. All are two-way and feature Onkyo's exclusive Micro Fiber drivers for smooth detailed sound. Plenty of bass is provided by a 220 watt powered sub with dual 8" woofers.

THX Technology and Quality Assurance: Legendary filmmaker George Lucas originally created THX as a studio-reference monitoring tool. THX Ltd. is now recognized as the leading provider of product and venue certification for the cinema and home entertainment industries. For the user, THX certification assures that home theater components meet rigorous standards for performance and deliver accurate reproduction of movies in the home environment. Receivers can meet two standards: THX Select (minimum of 5.1 channels for an up to 2,000 ft. room) and THX Ultra2 (minimum of 7.1 channels for a 2,000+ ft. room). THX Surround EX is a decoding process that extends the 5.1-channel format by adding a back surround channel matrixed from the left and right surround channels to place sounds behind you, not just to the sides as in a standard cinema.

LS-V955

Premium 5.1-Channel Home Theater System

The LS-V955 consists of a one-piece integrated 40-watt per channel surround receiver and progressive-scan DVD player, 150-watt powered subwoofer, and five aluminum speakers designed to complement any video display. Elegant extruded aluminum player/control center includes a Dolby Digital surround sound processor,

amplifiers for the center and surround channels, and an AM/FM tuner. Special functions include Dialogue Enhancer and Super Surround mode. All 5 speakers are voice-matched for seamless, wrap around home theater sound.



FEATURES

- ◆ The LS-V955's one-piece DVD receiver features progressive-scan component video as well as composite and S-Video, and standard A/V outputs for compatibility with existing televisions.
- ◆ Built-in Dolby Digital, Dolby ProLogic II and DTS decoders deliver 5.1-channel audio to the included speaker/subwoofer package for clear, dynamic sound effects and a multi-channel soundstage that immerses you in the movie. The player is also compatible with CDs, CD-R/RWs, and even MP3-encoded discs, making the LS-V955 versatile as both an audio and home theater system.
- ◆ The included six-speaker surround system includes slim extruded aluminum two-way front and surround satellites, a two-way horizontal center channel, and a 150-watt powered subwoofer for deep bass reproduction.



Optional AS-2 Speaker Stands for the LSV-955 speakers



- ◆ For use with the LS-V955 and SKS-HT240 speaker package as well (P. 219)
- ◆ Can be used with the front and surround speakers
- ◆ Adjustable height
- ◆ Hidden cable management
- ◆ Weighed base for added stability
- ◆ Durable anodized aluminum finish
- ◆ They measure 10 $\frac{5}{8}$ " x 43 x 10 $\frac{5}{8}$ " (WxHxD) and weigh 11.7 lbs. each.
- ◆ Packaged in pairs

- ◆ The front left, right and center channel speakers each have a pair of 3 $\frac{1}{8}$ " cone woofers flanking a 1" balanced dome tweeter, while the rear surround speakers employ a single woofer and tweeter. All of the speakers are magnetically shielded to prevent interference with video displays.
- ◆ Color-coded terminals and intuitive design makes setup and operation simple and fast. Offers connections for up to four additional components such as VCR, cable or satellite.
- ◆ Two digital inputs/output, subwoofer preout, four audio inputs/two outputs and two S-Video inputs/outputs. Also features a built-in FM/AM tuner with 30 presets.
- ◆ Full-function preprogrammed learning remote control can operate all the components in a home entertainment system, eliminating "remote clutter".

HOME THEATER SYSTEMS

HTIB Packages	HT-S580	HT-S680	HT-S780	HT-S787C	HTS-S870	LS-V955
Home Theater System	5.1 Channel System	6.1 Channel System	7.1 Channel System	7.1 Channel System	6.1 Channel System	5.1 Channel System
Includes 6-Disc DVD Changer	—	—	—	X	—	—
Dolby Digital, DTS	X	X	X	X	X	X
Dolby Digital EX	—	X	X	X	X	X
DTS-ES	—	X	X	X	X	
Dolby ProLogic IIx	—	X	X	X	X	
Amplifier (8 Ohms, 20 Hz-20kHz)	5 x 100w	6 x 100w	6 x 110w	6 x 110w	6 x 130w	6 x 40w
96 kHz/ 24-bit Linear PCM DACs	X	X	X	X	X	X
Component Video In/Out	—	—	3/1	3/1		- /1
S-Video In/Out	—	3/2	3/2	3/2	3/1	1/1
Digital Inputs (Optical/Coaxial)	1/1	1/1	3/1	3/1	3/1	1/1
A/V In/Out	4/2	4/2	4/2	4/2	4/2	1/2
Audio Only In/Out	2/1	2/1	2/1	2/1	2/1	2/1
INCLUDED SPEAKER SYSTEM						
Front Woofer L/R: Tweeter	2 x 3.125" Cone 3/4" dome	3.125" Cone 3/4" dome	2 x 5" Cone 1" dome	2 x 5" Cone 1" dome	2 x 5.25" Cone 1" dome	2 x 3.125" Cone 1" balanced dome
Center Woofer Channel: Tweeter	2 x 3.125" Cone 1" dome	2 x 3.125" Cone 3/4" dome	2 x 5" Cone 1" dome	2 x 5" Cone 1" dome	2 x 4" Cone 1" dome	2 x 3.125" Cone 1" balanced dome
Surround Woofer L/R: Tweeter	3.125" Cone 3/4" Ceramic	3.125" Cone 3/4" dome	3.125" Cone 3/4" dome	3.125" Cone 3/4" dome	4" Cone 1" dome	3.125" Cone 1" balanced dome
Surround Woofer Back: Tweeter	— —	3.125" Cone 3/4" dome	3.125" Cone- 3/4" dome-	3.125" Cone 3/4" dome	4" Cone 1" dome	—
Subwoofer Power Driver	100w 8"	150w 8"	230w 10"	230w 10"	220w 2 x 8" Cone	150w 8"
B&H Item No.	ONHTS580	ONHTS680	ONHTS780	ONHTS787C	ONHTS870	ONLSV955

MC35TECH

Component Shelf Audio System

A handsome addition to any home or office, the MC35TECH boasts Wide Range Amplifier Technology (WRAT) and discrete output stage circuitry to give a wider, distortion-free frequency response. It's 3-disc CD changer utilizes a high-quality, single-bit AccuPulse D/A converter to bring out the tiniest details and subtlest nuances of your CDs. You'll also find a high-sensitivity tuner with 30 FM/AM presets, a convenient 4-mode timer, and banana plug-compatible speaker terminals to accommodate high-quality speaker cable. Plus, with Line/DVD inputs, a subwoofer pre out, and processor in/out jacks, you can even create your own home theater.



- ◆ 3-Disc CD changer with stacker-type changer mechanism
- ◆ Magnetically shielded, 70-watt 2-way bass reflex speakers with 4¹/₂" cone woofer and 1" dome tweeter
- ◆ Optical digital output
- ◆ 40-Track random memory
- ◆ 2-Way super dubbing (tape album, tape fade out)

(212) 444-5003 • 1-800-947-9903



SC-PM19 • SC-PM29

Micro Systems with Built-In 5-Disc CD Changer

Perfect for your bedroom, office or dorm room with their space-saving size, the SC-PM19 and SC-PM29 deliver awesome sound while letting the music go for hours with their built-in 5 CD changer. Jump quickly from disc to disc or use the random play feature to add some variety. Play audio CDs, CD-R/RW discs, or load up hundreds of MP3s for even longer playing time. They also feature a feather-touch cassette deck and digital synthesizer FM/AM tuner. Save up to 30 of your favorite stations using the preset memory and call them up later.

The SC-PM29 steps up with WMA playback, Compression Digital Re-Master Processing and is HighMAT compatible.

- ◆ Quiet changing system
- ◆ 140 watts total bi-amp power
- ◆ MP3/CD/CD-R/CD-RW playback
- ◆ Preset EQ and Surround Circuit
- ◆ 5-disc CD changer with play/exchange
- ◆ Super Sound EQ
- ◆ Feather-touch cassette deck with 9-track TPS (Tape Program Sensor)
- ◆ Digital synthesizer tuner
- ◆ Supplied wireless remote control
- ◆ The SC-PM19 measures 5x 9²⁷/₃₂ x 9" (WxHxD), the SC-PM29 is 6 x 10 x 9"



SC-PM19



SC-PM29

SC-PM29 Only:

When MP3s and movie soundtracks are created, higher frequencies are lost due to the limited frequency response of compressed digital audio. Most of these frequencies can't be heard by human ears, but their presence conveys subtle nuances. When they're missing in a digital recording, it doesn't quite sound the same as the live performance. The SC-PM29 incorporates a multi re-master feature that examines the audio signal and helps compensate for these lost frequencies, providing sound quality closer to the original performance.

SC-PM39D • SC-PM91D

Micro Systems with Built-In 5-Disc DVD/CD Changer



SC-PM39D

SC-PM91D

These micro systems not only provide high-quality audio playback, but also progressive scan DVD playback. Connect to a TV in the den or office and enjoy your own personal theater. You can have a movie marathon or keep the music going for hours with the built-in 5 DVD/CD changer. Play DVD-Audio discs, CDs, CD-R/RW discs, or load up hundreds of MP3s. They also offer a feather-touch cassette deck and digital synthesizer FM/AM tuner.

- ◆ Progressive-scan 5-disc DVD/CD changer plays DVD, DVD-Audio, DVD-RAM/R, HDCD, CD, CD-R/RW, HighMAT, WMA, MP3 and JPEG
- ◆ High-quality magnetically-shielded 3-way speaker system with 4" polypropylene mica woofer, 2³/₈" polypropylene mica ring dome tweeter, super tweeter and down port bass-reflex design for rich bass reproduction
- ◆ DVD features include variable zoom, cinema mode and dialog enhancer, component video out and S-video terminal
- ◆ Built-in Dolby Digital and DTS decoders
- ◆ Dynamic DVD sound with advanced surround
- ◆ Hybrid bi-amp system and multi re-master
- ◆ Total power of 140W: 35W/channel
- ◆ Preset EQ (Heavy, Clear, Soft, Vocal, Flat) and manual EQ
- ◆ Subwoofer output control for optional subwoofer (not included)
- ◆ Include remote control

SC-HT05 • SC-HT07

Home Theater Systems (without DVD Player)

Setting up a home theater system has never been easier. With a slim home theater receiver, plus front, center and rear satellite speakers and a subwoofer, the SC-HT05 and SC-HT07 offer the necessary components to turn an existing DVD recorder or player into an awe-inspiring home theater experience.

Both come equipped with built-in DTS, Dolby Digital and Dolby Pro Logic II decoders for spacious surround sound. They also feature Sound Field Control function, which enhances the audio when playing back TV programs recorded onto DVD-RAM or DVD-R discs using a DVD video recorder. Users can select the sound mode that best suits the type of program being played.

In both the SC-HT05 and SC-HT07 a subwoofer is integrated with the power amplifier, which allows connection of up to five speakers to the subwoofer. Connection is much easier than with conventional systems in which the speakers are connected to the rear panel of the receiver.

The SC-HT05 boasts 600 watts of total output power while the SC-HT07 has an incredible 700 watts of total output power. The SC-HT07 also features a front audio/video input, S-Video terminals (3-in, 1-out) and high quality Tall Boy speakers, which can beautifully reproduce signals of up to 50-kHz and have height-adjustable stands for optimum positioning with a TV screen.



FEATURES

Receiver Features

- ◆ Total output power of 600w (SC-HT05) or 700w (SC-HT07) to five speakers.
- ◆ Built-in Dolby Digital, DTS and Dolby Surround Pro Logic II decoder
- ◆ Multi-channel sound field functions (Center Focus)
- ◆ 4-step subwoofer level control (1, 2, 3, 4) via remote control (subwoofer level key)
- ◆ 6-channel discrete inputs for connection to decoder built into DVD players
- ◆ Three audio inputs (SC-HT05), four audio inputs (SC-HT07)
- ◆ Three digital inputs (2 optical, 1 coaxial)
- ◆ Quartz-synthesized digital tuning system
- ◆ 10-key direct tuning (via remote control)
- ◆ 4 video / 4 audio input selectors (SC-HT05)
- ◆ 4 video / 5 audio input selectors (SC-HT07)
- ◆ Supplied universal remote can control most current TVs, VCRs and DVD players

Sound Field Control

A choice of modes—drama, action, sports, musical and game—lets you match the sound field to the content you're viewing. This is great for producing optimum sound quality in TV programs recorded in DVD format with a DVD recorder. In action mode, for example, the low-frequency and high-frequency sounds are emphasized, so you hear the full dynamics of sound effects. Drama mode, on the other hand, enhances the frequency range that contains human voices, so dialogue is easier to hear.

SC-HT05 Speakers

- ◆ 5 compact magnetically-shielded satellite speakers with wall mounting holes and built-in nuts
- ◆ Front speakers are DVD-Audio ready with a wide frequency range up to 50kHz
- ◆ All speakers are two-way, each with a 2 3/8" tweeter and 2 1/2" full-range woofer. (Center speaker has two woofers).
- ◆ Powerful active subwoofer with built-in 220w power amplifier and 6 3/4" cone-type woofer

SC-HT07 Speakers

- ◆ 4 slim Tall-boy speakers with adjustable stand, wall mounting holes and built-in nuts, plus a compact center speaker—all DVD-Audio ready (up to 50kHz) and magnetically-shielded.
- ◆ Each speaker is equipped with 2 3/8" ring dome tweeter and two 2 1/2" full range woofers
- ◆ Powerful active subwoofer with built-in 240w power amplifier and 6-3/4" cone-type woofer

SC-HT680/730/830v/930

5-DVD Changer Home Theater Systems

Panasonic systems bring high style, high performance, convenience and flexibility to home theater. Delivering powerful surround sound experience in one package, the sleek SC-HT680 (600w), SC-HT730 (800w) and SC-HT930 (1000w) feature a super-slim five-disc DVD/CD changer while the SC-HT830v(800w) also includes a 4-head VHS VCR.

The full-featured Progressive Scan DVD player accepts DVD-Video, DVD-Audio, DVD-R/RW, DVD+R/RW, DVD-RAM, CD-R/RW (MP3, JPEG, WMA) video and audio disc formats—for a wide variety of entertainment options. In addition, all include magnetically-shielded front tower speakers that are height adjustable and wall mountable, giving you a variety of layout options. They also include large, easy-to-read FL displays, digital AM/FM tuner and universal remote control.

The SC-HT730, SC-HT830v and SC-HT930 also have the option of upgrading to a rear wireless set up. Using 2.4 GHz spread spectrum technology, the optional SH-FX50 rear speaker transmitter and receiver module can send audio signals wirelessly from the home theater system directly to the rear speakers via the receiver. These three systems also feature new H. Bass (harmonized bass) technology, which lets you feel the bass for a more dramatic home theater experience. Add this to a new "Dual Unit" active subwoofer, which widens the total woofer surface area for improved bass, and the result is powerful bass reproduction. The SC-HT930 steps-up with Deluxe Tower speakers and 360° sound, and includes a diamond-shaped subwoofer which adds to its design appeal.

THEY ALL FEATURE

Receiver Section

- ◆ Double Re-Master Processing re-masters stereo CD, MP3 or WMA tracks to compensate for any frequencies lost due to compression during recording, providing a rich sound field and higher quality audio reproduction. (SC-HT830v /SCHT930 only).
- ◆ Built-in DTS, Dolby Digital, and Dolby Pro Logic II decoders
- ◆ Multi-channel sound field functions (Center Focus). Center speaker sound may appear to come from the top or bottom of the TV screen. This results in disharmony between the on-screen action and the sound, particularly dialog. However, if you switch this mode ON, the frequencies that have a particular influence on how you perceive sound source up/down imaging are diffused. This gives you the impression center speaker sound is coming straight from the center of the screen, for a natural matching of images and dialog sound.
- ◆ Sound Field Control creates a simulated surround sound field from regular two-channel stereo sources, such as a CD or a cassette. Using the front, center, and surround speakers, this feature gives you the atmosphere of a live performance. Choose from 7 settings to suit the type of music and your preference — Heavy, Clear, Soft, Disco, Live, Hall and Flat.
- ◆ 1 (HT680), 2 (HT730), 1 (HT-830v), 3 (HT930) audio inputs
- ◆ Super Surround Sound (Music, Movie and Party) for stereo sources
- ◆ 4-step subwoofer level control (1, 2, 3, 4) accessible via the subwoofer level key on the remote control
- ◆ Quartz-synthesized digital tuning system
- ◆ Supplied universal remote can control most current TVs, VCRs and DVD players

DVD Section

- ◆ Front-loading 5-disc progressive scan DVD player/changer. You can change any of the four non-playing discs without disturbing the movie you're watching, or the music you're listening to.
- ◆ Compatible with DVD-Video, DVD-Audio, DVD-RAM, DVD-R/RW, DVD+R/RW, CD, HDCD, CD-R/RW (including MP3, JPEG, WMA and HighMAT) disc formats.
- ◆ DVD-Audio offers ultra-high performance stereo sound you won't find in any other home audio technology. Recorded music sounds live, with true definition, dynamics and room tone.
- ◆ HDCD (High Definition Compatible Digital) technology encodes 20-bit information onto the 16-bit data, resulting in a wider dynamic range and a richer 20-bit sound from HDCD-compatible players
- ◆ Direct CD key allows the system to only read and play CDs, a feature that comes in handy during random CD play.
- ◆ Monitor selector for optimum picture quality according to monitor type—whether it's a direct-view or rear-projection monitor, plasma screen or video projector.
- ◆ Composite, component and S-Video output. Component output offers outstanding image quality better than composite or S-Video. Connect to a compatible TV for a clear, vibrant image.
- ◆ Cinema Mode softens the picture to make it appear more film-like.
- ◆ Depth enhancer for a more natural-looking picture
- ◆ Dialogue Enhancer increases the center channel volume relative to the other channels, making the dialog easy to understand—particularly important during loud scenes where the other channels overwhelm the center channel.

PANASONIC

SC-HT680

The SC-HT680 brings high style and performance to home theater in one convenient package. Featuring a progressive scan 5-DVD changer/receiver and 5.1 surround sound system, you get 600-watts of total power. Delivering rich, bassy, room-filling audio quality, the system includes a 160-watt center speaker, four 55-watt channel surround speakers and a booming 220-watt subwoofer. It includes built-in DTS, Dolby Pro-Logic II and Dolby Digital decoders for high-quality audio reproduction, a digitally tuned AM/FM radio, and a range of outputs including component, component and S-Video for connecting additional components. Also supports HighMAT for enhanced interoperability with personal computers, 7 preset soundfield settings, depth enhancer and dialog enhancer and a large, easy to read FL display. Includes Tower front speakers that are height-adjustable and wall-mountable, a remote control and wall-mounting holes and nuts on the surround speakers.



- ◆ Two 55-watt (each) tower front speakers with adjustable stands. Equipped with Piezo-type super tweeter and 2½" cone-type driver
- ◆ Two 55-watt (each) satellite surround speakers with a 2½" full-range driver, wall mounting holes and built-in nuts.

- ◆ 160-watt center channel speaker is equipped with with a piezo-type tweeter and two 2½" full-range drivers
- ◆ 220-watt passive subwoofer with 6¾" cone-type driver



SC-HT730

The SC-HT730 steps up with 800-watts of total output power, allowing for a true home theater experience. Plus, it also gives you the option of upgrading to a rear wireless setup. Using 2.4 GHz spread spectrum technology, audio signals can be sent wirelessly from the home theater system directly to the rear speakers via the optional SH-FX50 transmitter and receiver module. In addition, H. Bass (harmonized bass) technology allows you to feel the bass for a more dramatic home theater experience. Add this to a "Dual Unit" active subwoofer, which widens the total woofer surface area for improved bass, and the result is powerful bass reproduction.

- ◆ Two 70-watt (each) tower front speakers with adjustable stands. Equipped with 2¾" cone-type tweeter and 2½" cone-type driver.
- ◆ Two 70-watt (each) satellite surround speakers with a 2½" full-range driver, wall mounting holes and built-in nuts.

- ◆ 260-watt center channel speaker is equipped with a Piezo-type super tweeter and two 2½" full-range drivers
- ◆ Powerful active subwoofer with built-in 260w power amplifier and two 5¾" cone-type drivers

SC-HT830v

For the consumer who wants all video options in one convenient package, the SC-HT830v is an integrated 5-DVD/CD home theater system that includes a 4-head VHS VCR as well. VCR functions include High Speed Tape Rewind and 5x Long Recording/Playback which lets you record up to 10 hours of television on a 120-minute tape. Other wise the same as the SC-HT730 (previous page), the system does step-up with Double Re-Master Processing. This function re-masters stereo CD, MP3 or WMA tracks to compensate for any frequencies lost due to compression during recording, providing a rich sound field and higher quality audio reproduction.

- ◆ 5x Long Recording/ Playback
- ◆ 600x high-speed rewind
- ◆ 4-head Hi-Fi stereo sound
- ◆ MTS Stereo and SAP system
- ◆ Plug-in auto tuning
- ◆ Auto clock setting and DST (Daylight Savings Time) system
- ◆ 1-month/16-event timer programming
- ◆ Auto SP/EP recording system
- ◆ Two 70-watt (each) tower front speakers with adjustable stands. Equipped with 2 3/8" cone-type tweeter and 2 1/2" cone-type driver.
- ◆ Powerful active subwoofer with built-in 260w power amplifier and two 5 7/8" cone-type drivers
- ◆ Two 70-watt (each) satellite surround speakers with a 2 1/2" full-range driver, wall mounting holes and built-in nuts.
- ◆ 260-watt center channel speaker is equipped with a Piezo-type super tweeter and two 2 1/2" full-range drivers



SC-HT930

The 1000-watt, top-of-the line SC-HT930 steps up with two Deluxe Tower front speakers with 360° sound and adjustable stand. The 360° Sound function slightly lowers the crossover frequency point between the mid-range of the tower speakers and the low range of the subwoofer. The result is that more mid- and low-frequency sound comes through the tower speakers, which enhances the sense of movement and acoustic imaging—like feeling the spine-tingling sensation of a plane roaring overhead. System also includes a stylish diamond-shaped

subwoofer, and high-speed, 10-second access from disc to disc and convenient direct access keys to quickly choose a CD or DVD at the touch of a button.

- ◆ Two 170-watt (each) front tower speakers with adjustable stands. Equipped with 2 3/8" ring-shaped dome tweeter and two 3 3/8" full-range drivers
- ◆ Two 70-watt (each) satellite surround speakers with 2 3/8" ring-shaped dome tweeter and 2 1/2" full-range driver
- ◆ 260-watt center channel speaker is equipped with 2 3/8" ring-shaped dome tweeter and two 2 1/2" full-range driver
- ◆ Powerful active subwoofer with built-in 260w power amplifier and two 5 7/8" cone-type drivers



Home Theater Systems Comparison

	SC-HT930	SC-HT830V	SC-HT730	SC-HT680
System Configuration	Progressive Scan 5-DVD Changer/Receiver 2 Tall-Boy Front Speakers with Stands 1 Center Ch. Satellite Speaker 2 Satellite Surr. Speakers 1 Active Subwoofer	Progressive Scan 5-DVD Changer/Receiver VHS VCR 2 Tower Front Speakers 1 Center Ch. Satellite Speaker 2 Satellite Surr. Speakers 1 Active Subwoofer	Progressive Scan 5-DVD Changer/Receiver 2 Tower Front Speakers with Adjustable Stands 1 Center Ch. Satellite Speaker 2 Satellite Surr. Speakers 1 Active Subwoofer	Progressive Scan 5-DVD Changer/Receiver 2 Tower Front Speakers with Adjustable Stands 1 Center Ch. Satellite Speaker 2 Satellite Surr. Speakers 1 Active Subwoofer
Output Power - Home Theater Mode (FTC)	Total Output Power: 580w Front: 100w x 2 Center: 140w Surround: 45w x 2 Subwoofer: 150w	Total Power: 470w Front: 45w x 2 Center: 140w Surround: 45w x 2 Subwoofer: 150w	Total Output Power: 470w Front: 45w x 2 Center: 140w Surround: 45w x 2 Subwoofer: 150w	Total Output Power: 390w Front: 35w x 2 Center: 110w Surround: 35w x 2 Subwoofer: 140w
Built-in DVD-Audio/Video Player	Yes	Yes	Yes	Yes
DVD-Audio Compatibility	Yes	Yes	Yes	Yes
HighMat Compatibility	Yes	Yes	Yes	Yes
Dolby Pro Logic Decoder	Yes (Pro Logic II)	Yes (Pro Logic II)	Yes (Pro Logic II)	Yes (Pro Logic II)
Dolby Digital Decoder	Yes	Yes	Yes	Yes
DTS Decoder	Yes	Yes	Yes	Yes
FM/AM Digital Synthesizer Tuner	Yes	Yes	Yes	Yes
Audio Inputs	3	1	2	1
Cinema Mode	Yes	Yes	Yes	Yes
Dialogue Enhancer	Yes	Yes	Yes	Yes
Speakers: Wall-Mounting Holes and Built-in Nuts	No	Yes (Satellite Speakers Only)	Yes (Satellite Speakers Only)	Yes (Satellite Speakers Only)
Subwoofer Configuration	2-Way, 2-Speaker Bass Reflex	2-Way, 2-Speaker Bass Reflex	2-Way, 2-Speaker Bass Reflex	Bass Reflex
Remote Control	Universal	Universal	Universal	Universal
Digital Inputs	No	No	No	No
Component Video Out	Yes	Yes	Yes	Yes
Energy Star Qualified	Yes	Yes	Yes	Yes
Multi-Channel Sound Field	Yes	Yes	Yes	Yes
Sound Field Control (SFC)	Yes (7 Presets)	Yes (7 Presets)	Yes (7 Presets)	Yes (7 Presets)
S-Video Out	Yes	Yes	Yes	Yes
Color	Silver	Silver	Silver	Silver
Compatible Media Formats	DVD-Audio/Video/Ram DVD-R, CD, CD-R/RW/+R/+RW, Video CD, JPEG, MP3, WMA, HighMAT (Level 2)	DVD-Audio/Video/Ram DVD-R, CD, CD-R/RW/+R/+RW, Video CD, JPEG, MP3, WMA, HighMAT (Level 2)	DVD-Audio/Video/Ram DVD-R, CD, CD-R/RW/+R/+RW, Video CD, JPEG, MP3, WMA, HighMAT (Level 2)	DVD-Audio/Video/Ram DVD-R, CD, CD-R/RW/+R/+RW, Video CD, JPEG, MP3, WMA, HighMAT (Level 2)
Progressive Scanning	Yes	Yes	Yes	Yes
Super Surround Sound	Yes	Yes	Yes	Yes
Depth Enhancer	Yes	Yes	Yes	Yes
Video Section	N/A	4-head Hi-Fi stereo VCR with: MTS Stereo and SAP system x5 Long Time Recording x600 High Speed Tape Rewind	N/A	N/A
5 DVD/CD Changer	Yes	Yes	Yes	Yes
Tall-Boy Speakers	With Height Adjustable Stand	With Height Adjustable Stand	With Height Adjustable Stand	With Height Adjustable Stand
Built-In VCR	No	Yes	No	No
Magnetically Shielded Speakers	Yes	Yes	Yes	Yes

ISO-DRIVE SPEAKERS

In many speakers, as speaker cones vibrate, they also shake the speaker cabinet itself, causing unwanted distortion. Pioneer's ISO Drive Series speakers include an innovative sub-baffle that reduces vibration within the cabinet, thereby increasing sound quality. They're great as a pair (for two-channel music), or as a complete system for theater surround or digital multi-channel music (like DVD Audio and SACD). Either way, they'll make a sound addition to your home.

ISO-Drive Baffle System

With ISO-Drive, the speaker drivers are mounted onto a sub-baffle that is ISO-lated from the main cabinet. This prevents transmission of vibrations from the drive to the cabinet—especially important when the speaker is mounted on a shelf or other surface not complete stationary. Where the mechanical forces would normally get to the shelf or other speaker, vibrating along with the cabinet, now neither will.

Injection Molded Polypropylene Cone

Pioneer's Injection Molded Polypropylene (I.M.P.P.) technology utilizes a patented injection-molding process which provides an optimal mix of materials (polypropylene, carbon fiber, graphite, and others). This process deliver speaker cones that are very lightweight yet extremely strong and rigid, for superior musical reproduction.

S-DF2-K 2-Way 100-watt Bookshelf Speaker (Pair)

Magnetically -shielded in a bass reflex enclosure, the S-DF2 speakers are equipped with a 6½" IMPP (Injection Molded Polypropylene) woofer with butyl rubber surround 1" soft dome tweeter. They have a frequency response of 55Hz to 20kHz, sensitivity of 88 dB, and handle up to 100 watts of power each. They have gold-plated 5-way binding posts and a keyhole slot for on-wall mounting (hardware not included). They come in a black vinyl finish, and weigh 15 lbs. each. They measure 14¼ x 7½ x 9¾" (WxHxD).



S-DS1-Z 2-Way 100-watt Direct/Diffuse Surround Speaker (Pair)

There is a long-running debate over what makes the best surround speaker — direct or diffuse radiating. To that end, Pioneer makes the solution simple. With the innovative design of the S-DS1 speakers, you can easily mount them to the wall with the drivers facing the listening area for direct surround sound. You can also mount them with the drivers facing the diffusers on the wall mounting bracket (included) for a diffuse surround sound. Best of all, you can easily switch them back and forth between direct and diffuse mounting, and decide which sounds the best for yourself.

80Hz to 20kHz frequency response, sensitivity of 89dB, and they handle up to 100 watts of power each. They have a 5¼" Bi-Laminate Cone and 1" high efficiency Neodymium soft dome. Include all mounting brackets and black and white grilles. Weigh 5 lbs. each and measure 11½ x 8½ x 5¼" (WxHxD).

TZ-SW05 10" 150-watt Powered Subwoofer

A lot of the impact of a movie soundtrack is in the very low bass range- explosions, collisions, car chases, and volcanoes are movie events that you have to FEEL as well as hear. A good subwoofer will do that, and together with the other speakers in a home theater system, you'll get much more out of movies, video games, and sports on television. If you wish, the sub can be placed out of sight, but don't worry - you'll still know it's there.

- ◆ 150 Watt BASH Amplifier
- ◆ Crossover frequency: 12dB octave high and low
- ◆ Frequency response: 30 to 200-kHz
- ◆ Variable frequency crossover: 50 to 200Hz
- ◆ Speaker Terminals Dual Input Capability Banana Plug Ready
- ◆ 10" driver
- ◆ Speaker Level High Pass
- ◆ Variable level control
- ◆ Phase Switch
- ◆ 14¾ x 12½ x 16½" (HWD)



H-SERIES SPEAKERS

Pioneer's H-Series bookshelf speakers feature the wide-frequency response needed for reproducing Super Audio CD (SACD) and DVD Audio—the best in multi-channel music. The speakers are engineered in the USA and have a stylish outer design.

S-H153B-K160-watt 2-Way
DVD-A/SACD-Ready Bookshelf Speakers

The S-H153B-K is equipped with a 6.5" polypropylene cone woofer and 1" polycarbonate wide band micro fiber dome tweeter housed in a bass reflex design. The direct coupled woofer provides improved dynamics and bass control and the HF waveguide superior imaging. Frequency response is a wide 60Hz to 35kHz and sensitivity is 89 dB. Measures 6 x 9 x 3" (W x H x D).

**S-H253B-K**

160-watt 3-Way DVD-A/SACD-Ready Speakers

The magnetically-shielded S-H253B-K is equipped with a 8" polypropylene cone woofer and 1" polycarbonate wide band micro fiber dome tweeter housed in a bass reflex design. The direct coupled woofer provides improved dynamics and bass control and the HF waveguide superior imaging. It also offers a 2.5" Bi-laminated P.E.T. cone mid-range woofer. Frequency response is a wide 45Hz to 35kHz and sensitivity is 89dB.

	S-DF2-K	S-DS1-Z	S-H153B-K	S-H253B-K
Loudspeaker	2-Way Bookshelf	2-Way Surround	2-Way Bookshelf	3-Way Bookshelf
Bass Reflex Cabinet	Yes	—	Yes	Yes
Frequency Response	50Hz – 20kHz	80Hz – 20kHz	45Hz - 35kHz	45Hz - 35kHz
Bass Driver	6½" polypropylene cone	5¼" bi-laminate cone	6.5" direct coupled, polypropylene cone	8" direct coupled, polypropylene cone
Butyl Rubber Surround	Yes	—		
Mid Frequency Driver	—	—	—	2.5" bi-laminate P.E.T. cone
Tweeter	1" neodymium soft dome	1" neodymium soft dome	1" polycarbonate micro fiber	1" polycarbonate micro fiber
Amp Requirements	15 - 100 Watts	15 - 100 Watts	15 - 100 Watts	15 - 100 Watts
Sensitivity	88dB @ 1m/2.83V ms	89dB @ 1m/2.83V ms	89dB @ 1m/2.83V ms	89dB @ 1m/2.83V ms
Magnetically Shielded	Yes	Yes	Yes	Yes
Speaker Terminals	gold-plated 5-way binding posts	gold-plated 5-way binding posts	n/a	n/a
Contoured Vent	Yes	—	n/a	n/a
ISO-Drive Baffle System	Yes	Yes	n/a	n/a
Mounting	integrated keyhole	wall/desk mounting bracket	n/a	n/a
Removable Black Grille	Yes	Yes	Yes	Yes
Finish	black woodgrain	n/a	n/a	n/a
Dimensions	8½" x 14¾" x 11¼"	11¾" x 18½" x 5¼"	9" x 6" x 3"	11" x 2¾" x 9¾"

PLASMA COMPONENT SPEAKERS

Pioneer's plasma component speakers combine full-octave audio performance with a sleek, stylish design. For example, the ultra-thin S-LF3-F speakers (pair) are only 2" deep, yet they handle a full 130-watts of power. Just connect them to a high-powered receiver and stand back. All speakers are magnetically shielded. The tall, 2-way S-VSL3 front speakers and 2-way S-VSL6C bookshelf satellite speaker are designed to match the styling and aluminum finish of Pioneer's PureVision plasma TVs. The S-VSL6C can be positioned vertically, horizontally, or hung on the wall (hardware provided). Your choice.



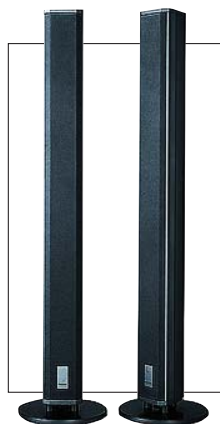
S-LF3-F Ultra-Thin 2-Piece Speaker System

Designed to match any flat TV, the S-LF3-F speaker pair is the perfect compliment to a new state of art entertainment system. Performance with class is the name of the game. 130-watt power handling and super high frequency response capabilities housed in a stylish ultra-slim 2" deep all-aluminum cabinet deliver the component level performance of the old big-box speaker system in a ultra-

sleek, high tech chassis. Hang them on the wall or place them on the provided table stands, it's your room and your choice; they'll look great either way.

S-VSL6C Bookshelf Satellite 2-Way Speaker System

Designed to match Pioneer PureVision Plasma Displays. This all aluminum, high performance satellite speaker is available as a single speaker for special applications. The S-VSL6C is an ideal center channel speaker or could be used in a 2, 3, or even 4 channel front or surround sound effect speaker array. Versatile mounting options allow for vertical or horizontal bookshelf or wall positioning with the provided table stand or wall mount bracket.



S-VSL3 Tall 2-Way Front Speakers

So, you just purchased that cool new plasma HDTV and now you're ready to overhaul your home theater system. You want performance and style. Not a real tall order; the S-VSL3's stand about 42" high, take up less than a foot in square inches, and provide incredible sonic performance thanks to Pioneer's Acoustic Balance Drive (ABD) Technology which delivers cleaner, more accurate bass.

S-LF3-CR 3-Piece Ultra-Thin Speaker System

This 3-piece slim design speaker system (consists of the S-VSL6C and S-LF3-F) is the perfect match for your new flat panel entertainment system. Designed to handle your front and center soundstage, your surround and center channels, or your 6.1 surround channels if you've decided on a 6.1 EX/ES speaker array. Armed with a super wide frequency response, the S-LF3-CR speaker package can handle anything you throw at them including the highest resolution DVD-Audio and SACD music discs.



	S-LF3-F	S-VSL6C	S-VSL3	S-LF3-CR
Enclosure	Sealed	Sealed	Bass Reflex / Floor Standing	Sealed
Woofer	Dual Ultra-Thin 3 3/8"	3 1/4" Cone	Dual 3 1/4"	Dual Ultra-Thin 3 3/8"
Tweeter	3/4"	3/4" High Efficiency Soft Dome	3/4" High Efficiency Soft Dome	3/4"
Impedance	8 ohm	8 ohm	6 ohm	8 ohm
Frequency Response	65Hz - 40kHz	90 Hz - 40kHz	50 Hz - 40 kHz	65Hz - 40kHz
Sensitivity	87.4 dB	86 dB (1m/1w)	85 dB SPL (1W/1m)	87.4 dB
Maximum Power	130 Watts	130 Watts	80 Watts	130 Watts
Dimensions	5 1/2 x 15 3/4 x 2"	13 3/4 x 4 1/8 x 4"	9 7/16 x 42 1/2 x 9 7/16"	5 1/2 x 15 3/4 x 2"
Weight	3 lbs. 8 oz	17 lbs. 10 oz.	17 lbs. 10 oz.	3 lbs. 8 oz.

INSTALLATION SPEAKERS

Pioneer, the world's largest car speaker manufacturer, borrowed an important car speaker technology — Injection-Molded Polypropylene (IMPP) cones, and applied it to their installation speakers. These cones are lightweight, yet exceptionally strong, perfect for this application. And they offer superior mid-bass reproduction. Each model uses a uni-body design with a baffle board, so they're easy to install into a wall or ceiling — and the hardware needed for installation is included.

Why should you consider installing in-wall or ceiling speakers? Here are few reasons: Like conventional speakers, they provide great sound — except they're designed to be heard and not seen, so your TV room has a clean, uncluttered look. Kids and dogs can't knock them over. You'll never trip on speaker wires again. They can be used for front-channel sound, surround sound, or both. It's up to you. There is even one that's specifically for center-channel sound (for better movie dialogue).

S-IW40X In-Ceiling Speaker

The two-way S-IW40X in-wall speakers feature 80-watts maximum power handling, delivering superior performance for intense home theater. The speakers' clean, stylish cosmetics are perfect for nearly any TV room environment, and with their modest size you'll barely know they're there. Until the movie starts.



S-IW60T In-Wall Speaker

If you want to clearly hear all of a movie's dialog, you need a high-performance center-channel speaker. The S-IW60T is a dual-driver speaker designed primarily for center channel, mounted sideways in the wall straight ahead of your viewing position. With 70-watts maximum power handling, it's got what it takes to ensure that you won't miss a single word.



S-IW50 In-Wall Speaker

100-watts power handling will turn even an ordinary movie into a high-octane surround sound experience. The compact S-IW50's are the perfect choice when you want high performance but have limited wall space to work with.



SE-DIR800C

Wireless Headphones with Dolby Headphone Technology

Don't let a sleeping family keep you from your action movie, DTS 5.1 concert, or your on-line video game tournament complete with Dolby Digital



5.1 Surround. Now you can experience all the 3-dimensional surround sound your heart desires. Dolby Headphone technology produces up to five virtual loudspeakers in your head via conventional stereo headphones by creating a unique sum of direct and reflected sound from each channel of 5.1 audio. As a result, the listening sensation is much more natural with sounds appearing to be outside of your head; just like a conventional 5.1 speaker system would sound.

- ◆ The headphones are wireless. A small transmitter connects to your source (DVD, game system, etc.) and transmits a clear, strong signal (upt to 26-ft.) via infrared to the headphones.
- ◆ Wired headphone input with volume control as well as an input attenuator
- ◆ Self adjusting headset; 2-way stand for vertical or horizontal mounting options
- ◆ Includes rechargeable AA batteries and charger
- ◆ Inputs include optical digital, coaxia ldigital (cable supplied) and analog line-in
- ◆ Use the headphones with any 5.1-channel source (DVD player), game system, digital cable, or satellite. The headphones process material encoded in Dolby Digital, DTS, and Dolby Pro Logic. The effect is a stunning surround experience, far more dimensional than with typical headphones and, some say, even better than a high-performance surround speaker system. The audio is very natural-sounding and doesn't cause "listener fatigue" as do other headphones. This may be the best possible way to experience movies, music, and games.
- ◆ There are three preset "virtual rooms" that you can listen from. Meaning, the headphones can actually reproduce the sound of a playback system in three different listening environments, based on acoustic measurements of real rooms:
 - Small Room ("DH1"): This setting re-creates a small, well-damped room that's perfect for both movies and music-only recordings. Very little reverberation.
 - Medium Room ("DH2"): This is a more acoustically live (or "wet") room that's really well-suited to music listening, but also great for movies. Moderate reverberation.
 - Large Room ("DH3") is a larger room, more like a concert hall or movie theater.

HTP-2600

Powerful 5.1 A/V Receiver and Speaker Package

Right out of the box, the HTP-2600 Home Theater System delivers outstanding home theater. It comes complete with two front speakers, two surround speakers, a center channel speaker, and a subwoofer.

Color-coded wires make the connections really easy.

And with Room Setup

(3 positions), your new

system will automatically

select the optimal acoustic settings. The system's receiver delivers 1,000 watts total system power and features DTS, Dolby Digital, and Dolby Pro Logic II surround sound decoding. Its 96kHz/24-bit Digital-to-Analog Converter (DAC) delivers pure, accurate sound for both movies and music. 5-Channel Stereo (a.k.a. "Party Mode") sends identical music information to all speakers for maximum room coverage. There is also Game and Quiet modes. The receiver features 4-mode sound field control, AM/FM tuner with 30 preset stations, bass and treble control and bass boost. It provides 3 audio inputs and 3 digital inputs and a wireless pre-out compatible with the XW-HT1 Digital Wireless Speaker.



FEATURES

A/V Receiver

- ◆ 120-watt x 5 A/V Receiver with Dolby Digital, DTS and Dolby Pro Logic II decoders.
- ◆ Video outputs: A/V, composite video, wireless terminals (RCA L/R)
- ◆ Three assignable digital audio inputs (one optical and 2 coaxial)
- ◆ 5 Function Audio Switching: 2 Audio/3 Audio Video (not Including Tuner)
- ◆ Bass & Treble Control; Bass Modes (loudness)
- ◆ AM/FM Tuner with 30 presets
- ◆ Headphone output
- ◆ 192kHz/24-Bit D/A Converter (DVD-Audio)
- ◆ Want to make home theater setup really easy? Just touch the Room Setup button on the remote control, then choose among three room sizes and three seating positions to best suit your room layout. Based on this input, the system will automatically set itself to the optimal acoustic settings. And, don't forge, speaker terminals are color-coded to avoid confusion during hook-up.
- ◆ 16 $\frac{1}{16}$ x 6 $\frac{1}{4}$ x 15 $\frac{1}{2}$ " (WHD), weighs 20 lbs.

Sound Field Control

- ◆ Virtual Surround Back mode deepens and broadens the sound stage by creating a "phantom" rear surround effect without using a surround back speaker.
- ◆ 5-Channel Stereo mode simulates a regular stereo acoustic environment while using all your system's speakers to create original surround modes.
- ◆ For the most compelling entertainment possible, Advanced Theater DSP modes create various simulated sound stages depending on the room environment and applications (choose between Cinema, Music, TV, Game, and Sports).
- ◆ Expanded Theater mode extends the depth, breadth, and dynamism of Dolby Surround sources, for a more faithful reproduction of 5-channel sound.

Speakers

- ◆ Five cosmetically matched satellites and 100-watt powered subwoofer deliver terrific sound from the Dolby Digital/DTS/Dolby Pro Logic II receiver.



- 120 Watt x 5 A/V Receiver
- 100 Watt Front and Satellite Speakers with 3" Full-Range Cone Speakers
- 100 Watt Center Speaker with 3" Full-Range Cone Speaker
- 100 Watt Subwoofer with 6.5" Woofer
- ◆ Color Coded Wire

HTP-3600 • HTP-4600

5.1-Home Theater Systems with Front Stage Surround Sound & Wireless Capability

The stylish, aluminum-finished HTP-3600 and HTP-4600 will add to your room's décor and complement many flat-panel TVs (including of course, Pioneer Plasma). But they also add another convenience - getting great surround sound without placing rear speakers behind you. Using Pioneer's Front Stage Surround, each of the tall speakers in the HTP-3600 or HTP-4600 is actually composed of a front speaker plus a top-mounted rear-channel speaker that can actually be swiveled for optimal directionality. Pioneer's Direct Diffuse technology reflects the signals from these rear speakers off your walls and ceiling, creating an exceptional surround experience. If you don't want rear

speakers — or wires and stands — in your TV room, this is a perfect solution. You can also completely detach the rear channel speakers and place them behind your viewing position for a conventional 5.1-channel surround configuration.

Ready to go wireless? The HTP-4600 steps-up by including the XW-HT1 Digital Wireless Speaker System. Enjoy full surround impact behind you without speaker wires snaking across your floor! The XW-HT1 consists of a wireless speaker and wireless transmitter. Just connect the transmitter to the HTP-4600's receiver, and it sends a high-bandwidth 2.4 GHz stream of noiseless, non-compressed digital audio to the wireless speaker behind you. (You'll need to supply power to the wireless speaker.) The XW-HT1 can also easily be added to the HTP-2600 or HTP-3600 systems—in fact, it can be used with any receiver that has rear-channel pre-outs.

**A/V Receiver**

- ◆ Same A/V receiver as the one that comes with the HTP-2600 (previous page).

Speakers

- ◆ The slim subwoofer and tall speakers allow several configuration options to fit your room layout and décor. The stylish sub can be placed almost anywhere in the room and still achieve peak bass performance.
- ◆ The two tall speakers are actually comprised of a front speaker and a top-mounted rear speaker. They use Pioneer's Direct Diffuse technology to reflect the rear speakers' signals off your walls and ceiling creating an authentic surround experience. The rear speaker can also be detached and positioned behind the viewing area for a conventional 5.1-channel surround configuration.

XW-HT1 Digital Wireless Speaker System

The XW-HT1 consists of a 2.4 GHz digital wireless receiver/transmitter and a compact speaker/receiver with dual 2 3/4" speaker drivers. It is the perfect solution for those who want the excitement of surround sound from their stereo sources like TV, CD/DVD players, or game consoles. Simply connect the audio outputs of up to two of your favorite sources into the XW-HT1's audio inputs, pick your favorite show and enjoy tried and true SRS Circle Surround II surround sound. For added ambience and theater-like sound, send the audio back out of the XW-HT1 into your TV's audio inputs to enhance your TV speakers with SRS Dialog Clarity which lets you easily discern actor dialog and SRS TruBass technology, which creates the sensation of rich, cinema-like bass from your front channels. Additional surround processing includes CSII Cinema, CSII Music, and Wide Stereo. For the ultimate TV sound, plug your subwoofer into the XW-HT1's subwoofer output. The XW-HT1 can be used with any A/V receiver that has surround channel pre-outputs so you don't need to run speaker wire to the back of the room. The XW-HT1 also comes equipped with a remote control for volume, mute, power, an input attenuator, and surround mode switching.



HTZ-740DV

600-watt Complete Home Theater System

A complete home theater system designed for plasma and other flat panel TVs, the HTZ-740DV offers front-stage surround sound technology enabling you to use the front left and right speakers for both front and rear surround sound. The front speakers remain in the same location while still creating true 5.1 enveloping surround sound effects. This lets you use a traditional speaker configuration for the front-stage surround sound, which eliminates the need to run speaker wire to the back of the room. The HTZ-740DV includes 600-watts of power, progressive scan DVD player with integrated receiver that can playback DVD-Video, DVD-R/RW, CD-R/RW, Video CD, as well as JPEGs and WMA/MP3 files. There are two floor-standing, cylindrical speakers with detachable satellites, a center channel speaker and a super slim subwoofer that can be placed horizontally or vertically.



FEATURES

DVD Player/Receiver

- ◆ Single-disc progressive scan DVD/CD player/combo receiver with built-in Dolby Digital, DTS and Dolby Pro Logic II decoders, 5-function audio switching, component and S-Video output, and coaxial digital input.
- ◆ Has a 96kHz/24-bit Digital-to-Analog Converter (DAC) for excellent sound quality.
- ◆ Compatible with DVD-Video, DVD-R/RW, CD, CD-R/RW, as well as MP3, WMA and JPEG files.
- ◆ Dialogue Enhancement mode lets you hear every line of dialogue, even during quiet scenes or when an actor is speaking over music or sound effects.
- ◆ Color-coded speaker terminals and child lock mode for convenience
- ◆ AM/FM tuner with 30 station presets, headphone output, as well as a clock with a sleep and wake-up timer.
- ◆ Sound Field Control (Advanced Music, Advanced Movie, Expanded, TV, Sports, Game, Virtual, Headphone, Extra Power, 5 Channel Stereo), Midnight Mode, Quiet Mode, CD Mode and Virtual Surround Mode
- ◆ Bass modes (Music, Cinema P-bass), Bass and Treble control, Tone control

Front Stage Surround

The ultra-slim subwoofer and floor-standing speakers give you several configuration options to best fit your room layout and decor. The stylish subwoofer can be placed almost anywhere in the room (and still achieve peak performance); while the two floor-standing speakers are actually comprised of a front speaker and a top-mounted rear-channel speaker that can swivel. When used in the system's "Front Stage Surround" mode, the front and rear speaker combination creates 5.1 channel surround sound — no speaker wire running around the room, and no need for wall-hanging rear speakers. (They can also be detached and positioned behind you for a conventional 5.1-channel surround configuration). Front Stage Surround gives you three great listening options:

- Extra Power mode adds impact to CDs, DVDs and other audio recordings by processing and converting 2-channel stereo signals into full-blown 5-channel stereo.
- Create rich, enveloping surround environment with Front Surround Movie mode
- Front Surround Music mode delivers natural sounding music to fill the space around you

When used with a Pioneer PureVision Plasma TV, the supplied TV-ready SR remote control unit can also control key TV functions via easy-to-use on-screen commands. So, most of the time you'll be using just one remote, not two, to control audio, video and TV.

Speakers

- ◆ Six cosmetically matched speakers: large 2-way front speakers with detachable, top-mounted rear speakers, large center channel speaker and subwoofer.
- 100-watt (each) Front Speakers: 6 $\frac{1}{8}$ x 14 $\frac{3}{16}$ x 7 $\frac{1}{2}$ " (WHD); 5.75 lbs
- 100-watt Center Speaker: 13 $\frac{3}{4}$ x 4 $\frac{3}{4}$ x 2 $\frac{15}{16}$ " (WHD); 2.2 lbs.
- 100-watt Subwoofer: 7 $\frac{1}{2}$ x 14 $\frac{3}{16}$ x 12 $\frac{1}{8}$ "; 11 lbs.
- ◆ To make home theater setup easy, Room Set-Up button lets you choose among three room sizes and three seating positions to best suit your own layout. Based on this input, the system automatically selects the optimal acoustic settings. Speaker terminals are color-coded.

HTZ-940DV 360-watt DVD Home Theater System

As more people opt for flat panel plasma televisions, Pioneer is altering the form factor of its home theater systems to match. The ultimate plasma TV accessory, the HTZ-940DV offers a combination of stylish design, compact size and versatility that makes it the ideal companion to Pioneer's PureVision HD plasma televisions and the perfect solution for the modern living room. Features a brand new speaker acoustic design concept utilizing NXT SurfaceSound technology. It offers 360w of power, a progressive scan DVD player with integrated receiver that can playback DVD, DVD-Audio, SACD, DVD-R/RW, CD-R/RW, Video CD, JPEGs and MP3 files. Comes complete with four floor-standing, ultra-thin speakers with detachable satellites for wall mounting, center channel speaker and subwoofer.



- ◆ 1 $\frac{3}{16}$ ". That's the depth of the HTZ-940DV's ultra-flat panel speakers, yet they deliver incredibly rich sound. How is this possible? They utilize next-generation NXT SurfaceSound technology to generate sound waves from a flat, stiff panel and built-in wide-range tweeters. Bottom line: exceptionally well-defined audio, plus they look as good as they sound. The stylish, metallic-finish speakers and aluminum stands are the perfect visual match for a Pioneer PureVision Plasma TV, integrating seamlessly into any environment.

	HTZ-940DV	HTZ-740DV	HTP-4600	HTP-3600	HTP-2600
Built-in 5.1-Channel Amplifier	5-Channel	Yes	Yes	Yes	5-Channel
Continuous Output Power (1kHz, 10% THD, 6 ohms)	60W/ch.	100W/ch	100W/ch	100W/ch	120W/ch
Wireless Mode	–	–	5 Modes	–	–
DVD/CD Player Type	Single Play/Single Play	Single Play/Single Play	(1) 5 DVD / (1) 5 CD Changer	(1) 5 DVD / (1) 5 CD Changer	–
Audio Inputs / Outputs	3/1	2/1	2/1	2/1	3AV/3A (tuner included) / 1
Digital Input	2 optical	1 optical	1 coaxial	1 coaxial	1 optical, 2 coaxial
Component Output	1	1	1	1	–
S-Video / Video Output	1/1	1/1	1/1	1/1	–/1AV + 1V
SR Terminal	–	Yes (Plasma SR+ Terminal)	Yes (Plasma SR+ Terminal)	Yes (Plasma SR+ Terminal)	Yes
Speaker Terminals	Color Labeling	One-Touch Type	Color Labeling	Color Labeling	–
Front Speakers					
Speaker	1" Exciter x 3, 1" Semi Dome Tweeter	4 x 2 $\frac{3}{4}$ " cone woofer, 1" Semi Dome Tweeter	3 $\frac{15}{16}$ " cone woofer, 2 $\frac{1}{16}$ " cone tweeter	3 $\frac{15}{16}$ " cone woofer, 2 $\frac{1}{16}$ " cone tweeter	3" full-range cone
Maximum Power	75W	100W	100W	100W	100W
Center Speaker					
Speaker	1" Exciter x 3, 1" Semi Dome Tweeter	4 x 2 $\frac{3}{4}$ " cone woofer, 1" Semi Dome Tweeter	3 $\frac{1}{16}$ " full-range cone	3 $\frac{1}{16}$ " full-range cone	3" full-range cone
Maximum Power	75W	100W	100W	100W	100W
Center Speaker					
Speaker	1" Exciter x 3, 1" Semi Dome Tweeter	2 $\frac{3}{4}$ " full-range cone	3 $\frac{1}{16}$ " full-range cone	3 $\frac{1}{16}$ " full-range cone	3" full-range cone
Maximum Power	75W	100W	100W	100W	100W
Subwoofer					
Speaker Size / Built-in Amp	7 $\frac{7}{16}$ " / Passive	6 $\frac{5}{16}$ " / Passive	6 $\frac{5}{16}$ " / Passive	6 $\frac{5}{16}$ " / Passive	8" / 100 Watts

HT-AS601B

900-watt, 6.1-Channel Home Theater System (no DVD)

Movie buffs who want to bring home the rich multi-layered sonic experience they enjoy at the cinema, can now do it the affordable and easy way with the HT-AS601B all-in-one system. All you need is a DVD player and you can transform your living room into a virtual theater using Samsung's

high-quality receiver and speaker systems.

Using pure digital amplifiers to ensure audio reproduction that is always clean and clear the HT-AS601 decodes Dolby Digital, Dolby Pro Logic II and DTS NEO:6 decoding. Place the five diminutive speakers around the room and you are ready to enjoy music and movies that sound as they were intended. In addition to 750 watts (125 x 6) of theater quality surround sound, the 150-watt active subwoofer serves up a deep, tuneful sub bass response that brings sound effects to life and transforms action movie watching in to a sensory-filled event.

The HT-AS601B is housed in a sleek metallic casing that encourages you to display it on open shelves rather than hide it behind closed cabinet drawers. Designed to cosmetically match Samsung's DVD-HD950 up-scaling DVD player.



FEATURES

- ◆ Combines 100 watts of power on each of its six channels combined with a 150W powered 8" subwoofer to produce an enveloping sound field to draw you into the experience.
- ◆ The HT-AS601 is compatible with the top digital audio formats to provide an expansive, quality sound field from any source. This includes Dolby Digital EX, Pro Logic II, DTS, DTS ES, DTS Neo:6 5.1, DTS 96/24
- ◆ Highly readable, dot matrix fluorescent display is pleasant to look at and easy to use.
- ◆ The digital receiver has built in SFE (Sound Field Effects) sound modes to change your living rooms into a concert hall, club, stadium and more.
- ◆ To complement the audio, video, and composite A/V inputs and outputs, also features three digital inputs for high-quality digital components.
- ◆ 8" subwoofer for low-tone bass makes cinema and music come to life with smooth, powerful effects.

- ◆ Control all your audio and video equipment with the included remote.

SIR-T451

HDTV Terrestrial Tuner

Samsung brings you great flexibility for delivering FREE over-the-air digital television signals to a DTV-ready television or



DTV-capable computer monitors. Award-winning Samsung technology easily tunes and decodes all 18 ATSC Table 3 broadcast formats. With the Samsung SIR-T451, you can view HDTV, SDTV, and listen to Dolby Digital 2.0 stereo or Dolby Digital 5.1 surround audio through your audio system. Samsung solves output worries with a wide selection of output options including 1080i, 720p or 480p/i DTV formats, and connection options including DVI (1), Component (1), Composite (1), Audio-Rt/Lt, Dolby Digital coaxial and optical. Attractive styling and affordable pricing make the Samsung SIR-T451 a perfect solution.

HT-P38 • HT-WP38

800-watt, 5.1-Channel Home Theater Systems

Incorporating an integrated DVD player and receiver with a USB plug & play port, Samsung's HT-P38 and HT-WP38 home theater systems set the standard for the next generation of home theater equipment. Plug in any MP3/WMA flash memory or HDD device and enjoy all the music stored on your digital audio device through 800 watts of power. The five-disc progressive-scan DVD players support multimedia files like DivX and MP3, as well as DVD Audio, WMA-Disc, CD-R/RW and DVD-R/RW. It can also display JPEG images so viewers can watch picture slide shows burned from a digital camera in the comfort of a living rooms instead of huddling around a small computer monitor. The systems also include a full set of high-quality surround sound speakers and a superb sub-woofer to transform any living room into a fully functioning digital entertainment center. Audiophiles will love the wide center channel speaker that enhances dialogue prominence during movies so words don't compete against background sound effects and music.

For even more convenience, the step-up HT-WP38 employs wireless Bluetooth technology so installation is easy. Simply plug in the receiver/amplifier tower in the back of the room and place the speakers where they sound best without worrying about running long lengths of speaker wire through the room's interior from the front of the room to the rear.



The HT-WP38's small, separate receiver/amplifier plugs into the wall and receives the 2.4GHz Bluetooth wireless signal and delivers power to the rear speakers. Those ugly wires from front to rear disappear for good without sacrificing any of the sound quality.

DVD Changer/Receiver

- ◆ Combines the convenience of a 5-disc progressive scan DVD/CD player with an A/V receiver
- ◆ Plays DVD-Video, DVD-Audio, DVD-R/RW CD, CD-R/RW and MP3, WMA, JPEG and DivX files embedded on CD-R/RWs
- ◆ System delivers 800 watts of total power (134 watts x 5 for front, center and surround speakers, plus 130 watts for subwoofer)
- ◆ Built-in Dolby Digital, DTS, and Dolby Pro Logic II decoding, for surround sound from DVD, VHS, and stereo sources
- ◆ USB Host Plug & Play for use with portable digital audio players, cameras, camcorders
- ◆ AM/FM tuner with 30 presets
- ◆ One remote control for all your needs
- ◆ Selectable progressive-scan mode for smoother video with HD-compatible TVs (via the component video output)
- ◆ Inputs and outputs include two audio/video inputs (composite), composite, component and S-Video output for TV, optical digital audio input and front headphone jack
- ◆ Measures 16¹⁵/₁₆ x 3 x 16³/₁₆" (WxHxD)

HT-WP38 Steps-up

- ◆ HT-WP38 features a wireless rear channel—no wires between the receiver and the rear speakers (receives audio info from the receiver via 2.4GHz signal). Installation is a breeze.

Speakers

- ◆ Two magnetically-shielded front speakers with full-range 2³/₁₆" driver. Includes keyhole slots for wall-mounting. Measure 3⁵/₁₆ x 5⁵/₁₆ x 3¹⁵/₁₆" (WxHxD)
- ◆ Magnetically-shielded wide center speaker (for better dialog performance). Equipped with full-range 2³/₁₆" driver. Includes keyhole slots for wall-mounting. Measures 7⁷/₈ x 4¹/₄ x 4" (WxHxD)
- ◆ Magnetically-shielded rear speakers with full-range 2³/₁₆" driver. Includes keyhole slots for wall-mounting. Measure 3⁵/₁₆ x 5⁵/₁₆ x 5¹⁵/₁₆" (WxHxD).
- ◆ Subwoofer with 6¹/₂" driver. Measures 7⁷/₈ x 12⁵/₈ x 15³/₄" (WxHxD).

HT-P40 • HT-HDP40

800-watt, 5.1-Channel Home Theater Systems

The HT-P40 fills rooms big and small with a 5.1 channel digital amplifier boasting 800 watts (134W x 5 + 130W x 1) of powerful sound. Like the HT-P38 the HT-P40 offers AM/FM digital tuner with 30 station presets, and can decode Dolby Digital, DTS, and Dolby Pro Logic signals. It steps up from the HT-P38 with a motorized front panel design and Samsung's AnyNet Interface. AnyNet allows you to control other Samsung home theater equipment with one touch operation for the easiest viewing experience around.

The HT-HDP40 steps up with High Definition Multimedia Interface (HDMI) interface to keep all parts of the digital signal flowing seamlessly through a single cable. HDTV owners will appreciate the Faroudja DCDi up-scaler feature so they can view their favorite DVD's in resolutions up to 720P or 1080i.



HT-HDP40 Step-up Features:

- ◆ High-Definition Multimedia Interface (HDMI) adds convenience and brings home theater to the next level by streaming multi-channel digital audio and digital video information together on one cable to high definition televisions with a compatible input.
- ◆ Faroudja DCDi up-scaler displays a pure digital signal at both 720p or 1080i, matching the resolution of HDTV and thus eliminates signal degrading A/D-D/A conversion.

HT-P50

1000-watt, 5.1-Channel Home Theater Systems



The HT-P50 combines the best of both worlds of the HT-P38 and HT-HP40 by offering both USB Plug & Play as well as HDMI output in one chassis. The 1000 watts (140W x 5 + 160W sub) of total output power make the HT-P50 a premium home theater system. Its 8" bass reflex passive subwoofer provides thundering bass response and expect top performance from a 5-disc changer that supports many advanced playback options, including DivX, MP3/WMA disc, DVD Audio, and JPEG-disc picture viewer.

Don't worry about finding shelf space for those speakers though, because the HT-P50 features two-way, wall mountable cylindrical speakers with a swivel base pedestal design. Simply twist and lock the pedestal at the preferred angle and choose whether you want to wall mount these speakers for a truly unique look or have them sit on a table top.

- ◆ Four magnetically-shielded 2-way front and rear speakers with 2 1/4" woofer and 1/2" balanced dome tweeter. They each measure 4 3/4" x 12 1/4" x 4 3/4" (WxHxD).
- ◆ Magnetically-shielded 2-way wide center speaker (for better dialog performance). Equipped with 2 1/4" woofer and 1/2" balanced dome tweeter. Measures 22 1/4" x 3 7/8" x 3 3/4" (WxHxD).
- ◆ Subwoofer with 8" driver. Measures 8 3/8" x 17 1/4" x 16 1/8" (WxHxD)

HT-P1200

800-watt, HDMI-Equipped Home Theater System

Slim, vertical and stylish - no other home theater system combines style and technology as seamlessly as the HT-P1200. Its timeless design and cutting-edge technology, such as the SDSM-EX and HDMI, completes your home theater like no other system. The vertical floor-standing DVD player matches the floor-standing speakers and a slim DLP TV (not included), which can be rested on a shelf, creating uniformity in sleek design and remarkable versatility. The HT-P1200 features HDMI technology, which supports standard, enhanced, and high-definition video, as well as multi-channel digital audio on a single cable. Smaller and easier to use, the HDMI connection is optimal for AV applications. The sophisticated progressive scanning function of the DVD player reproduces sharper images while the 800-watt (total power) amplifier plus subwoofer features Dolby Digital - DTS - Dolby ProLogic II surround sound decoding modes. For the highest-quality sound, HT-P1200 is equipped with Samsung's proprietary digital signal processing technology - sDSM-EX - Super Digital Sound Master, which is composed of ASC (Auto Sound Calibration), LSM (Live Surround Mode) and V-H/P (Virtual Headphone) technology.



FEATURES

Amplifier

- ◆ 800W Total Power Output (RMS): 130 Watts x 5 channels plus 150 Watts dedicated to the passive subwoofer
- ◆ Dolby Digital, DTS and Dolby Pro Logic II decoding. Dolby Pro Logic II converts 2 channel surround sound into more realistic 5.1 channel surround sound - even for external sources like your VCR.
- ◆ SDSM-EX (Superior Digital Sound Master Extreme) Extended Surround mode automatically calibrates the system to simulate a 9.1 channel surround stage in your living room using a 5.1 channel speaker system
- ◆ ASC (Auto Sound Calibration) adjusts sound to match your sitting position and room acoustics so you're always in the best seat.

DVD Player

- ◆ Progressive scan video eliminates even the slightest hint of blur or distortion, bringing new realism DVD video selections.
- ◆ Supported file formats include DivX, SACD, DVD-Audio/Video, MP3, WMA, JPEG, DVD+R/RW, DVD-R/RW, CD-R/RW Playback

Stylish Tallboy Speaker System

- ◆ Two floorstanding front speakers towers with $\frac{1}{2}$ " balanced soft dome tweeter, $2\frac{1}{2}$ " cone woofer (2 Way Bass Reflex)
- ◆ Two floorstanding L/R surround speaker towers with $\frac{1}{2}$ " balanced soft dome tweeter, $2\frac{1}{2}$ " cone woofer (2 Way Bass Reflex)
- ◆ Floorstanding center channel with $\frac{1}{2}$ " balanced soft dome tweeter, $2\frac{1}{2}$ " cone woofer (2 Way Bass Reflex)
- ◆ 8" passive, bass reflex subwoofer

Inputs and Outputs

- ◆ One composite and component video output
- ◆ An HDMI output, with selectable 720p or 1080i output, provides 100% digital to digital signal transferring
- ◆ DCDi technology HDTV compliant picture quality
- ◆ Two optical digital inputs
- ◆ 1/4" front headphone output
- ◆ One Aux in

Conveniences

- ◆ Using the USB Host Play you can connect any kind of USB storage and it will play DivX movie files, MP3 songs and JPEG image files at your command.
- ◆ Virtual Headphone
- ◆ AM/FM tuner with 15 pre-set channels
- ◆ On screen display
- ◆ Includes speaker connect wire and remote control
- ◆ AnyNet allows you to control other Samsung home theater equipment with one touch operation for the easiest viewing experience around.

Dimensions

- ◆ Set: 7.137" x 19.5" x 3.20"
- ◆ Stand: 7.137" x 19.5" x 3.20"
- ◆ Subwoofer: 10.62" x 19.6" x 14.94"
- ◆ Front/Rear Speakers: 4.15" x 51.57" x 2.99"
- ◆ Center Speaker: 21.65" x 4.33" x 3.07"
- ◆ Total shipping weight: 120 lbs.

SSM-B150H

2-Way Compact Bookshelf Speaker

Combining functionality with space-saving design, the SSM-B150H with black ash-type finish features 5.25" H.O.P. Bass Driver, 1" Nano-Fine balanced dome tweeter, sound reproduction to 50 kHz for high resolution audio, and 120 watts of power. In fact, it's hard to believe that so much sound can come from such a small package. For convenience, it features push-type speaker connections, a magnetic shield, removable grille cloth, and a speaker cable.



SSM-B350H

3-Way Bookshelf Speaker

The SSM-B350H delivers 120-watt power-handling capability while 3-way speaker operation more accurately reproduces the full spectrum of sound, with individual drivers (woofers, midranges, and tweeters) dedicated to specific frequency reproduction. These include an 8" H.O.P. cone - bass driver, a 3 1/4" H.O.P. cone - mid driver, and a 1" Nano-Fine balanced dome tweeter with sound reproduction to 50 kHz for high resolution audio. For convenience, it features push-type speaker connections, a magnetic shield, removable grille cloth, and a speaker cable.

SS-CN550H

2-Way Center Channel Speaker

Keep your home theater system well-balanced and sound anchored to the on-screen action. Typically placed above, atop, or just below the television,

the center channel speaker reproduces 75%+ of the on-screen action in a Dolby Digital soundtrack, so it's important that it has a wide frequency response and high power handling capacity. To meet those requirements, the magnetically-shielded 2-way SS-CN550H features H.O.P (Highly Oriented Polyolefine) dual 5-1/4" woofers with a 1" Nano-Fine balanced dome tweeter rated to 50 kHz and 150-watt maximum power handling. Speaker cables and protective feet are supplied for added convenience.

	SS-MB150H	SS-MB350H	SS-CN550H
Frequency Response	80Hz – 50kHz	50Hz – 50kHz	85Hz – 50kHz
Bass Driver	5.25" enhanced H.O.P. cone	Kevlar reinforced 8" HOP Diaphragm	Dual 5.25" improved HOP drivers
Mid Frequency Driver	—	Kevlar reinforced 3.25" HOP Diaphragm	—
Tweeter	1" Nano-Fine balanced dome	1" Nano-Fine balanced dome	1" Nano-Fine balanced dome
Power Handling	120W	120W	150W
Sensitivity	87dB	88dB	89dB
Weight	6.4 lb.	14.3 lb.	12.5 lb.
Dimensions	6.6 x 9.8 x 7.2"	9.5 x 20.8 x 10"	17 x 6.6 x 8.4"

SS-MF550H

3-Way Floor Standing Speaker

You won't believe the dimension of sound Sony's SS-MF550H adds to your entertainment system. The innovative SS-MF550H has a three-way design to handle 150 watts of power while producing high, mid, and low-range frequencies in stunning sonic clarity. Boasting features that bring you more of what you want to hear, this 3-way floor-standing speaker offers a H.O.P. 8" cone - bass driver as well as 3¼" cone - mid-driver and a 1" Nano-Fine balanced dome tweeter rated to 50 kHz. Comes in a black ash-type finish with screw type binding posts to fashionably blend with your decor.



SS-MF650H

3-Way/4-Driver Floor Standing Speaker

Make the right addition to your sound system with the powerful SSM-F650H. Using a dual woofer design to deliver up to 180-watts power-handling capability, the 3-Way SS-MF650H features a dual 6½" H.O.P. cone - bass driver as well as 3¼" cone - mid-driver and a 1" Nano-Fine balanced dome tweeter rated to 50 kHz, enabling you to experience high resolution audio. Removable grille cloths and speaker cables are included for convenience. Comes in a black ash-type finish with screw type binding posts to fashionably blend with your decor.



SS-MF750H

3-Way/4-Driver Floor Standing Speaker

Performance so powerful, you can hear the difference Sony's SS-MF750H speakers make, the moment you add them to your sound system. Packed with 200 watts of maximum input power each, this 3-way floor-standing speakers includes a dual 8" H.O.P. cone - bass driver, a 3¼" H.O.P. cone - mid driver, and a Nano-Fine balanced dome tweeter rated to 50 kHz enabling you to experience high resolution audio. Removable grille cloths and speaker cables are included for convenience. It comes in a black ash-type finish with screw type binding posts to complement your listening room.

	SS-MF550H	SS-MF650H	SS-MF750H
Frequency Response	45Hz – 50kHz	40Hz – 50kHz	35Hz – 50kHz
Bass Driver	8" improved HOP cone	Dual 6.5" enhanced HOP cone	Dual 8" enhanced HOP cone
Mid Frequency Driver	3.25" improved HOP cone	3.25" enhanced HOP cone	3.25" enhanced HOP cone
Tweeter	1" Nano-Fine balanced dome	1" Nano-Fine balanced dome	1" Nano-Fine balanced dome
Power Handling	150W	180W	200W
Sensitivity	88dB	89dB	90dB
Weight	24 lb.	26 lb.	31.5 lb.
Dimensions	9.5 x 33.5 x 10	8.75 x 37.5 x 10½"	9.5 x 41.3 x 11.6"

SA-WM250

100w Powered Subwoofer

Add punch to your system. An inexpensive way to bulk up your system, the magnetically-shielded SA-WM250 features a built-in 100-watt amplifier, 8" long-throw driver, level control and line-level and speaker-level inputs. The bass-reflex design provides really low bass, and the phase switch helps you get the subwoofer in the same phase as the rest of your speakers. Variable high-cut frequency is 50-200 Hz. Includes speaker cables.



SA-WM500

150w Powered Subwoofer

Complete your home theater system with the magnetically-shielded SA-WM500 150-watt active subwoofer. Advanced SAW (Super Acoustically Loaded) bass reflex design and built-in amplifier with 150-watts into 6 ohms from 20 Hz-200Hz enable superb sound. It features a 12" driver, frequency response of 24-170Hz, level control, both line-level and speaker-level inputs and outputs, and has a line output for connection to additional subwoofers for even more bass. A Phase Switch is available to correct any phase conflict that may occur between the sub and your satellite speakers. Auto Power On/Off (automatically turns on when an input signal is received and turns off seven minutes after the signal stops). Includes speaker cables.



SA-WX700

250w Powered Subwoofer

The SA-WX700 is a powered subwoofer that packs a punch. An onboard digital amplifier delivers 250 watts of power to the dual 10" drivers in an Advanced SAW (Super Acoustically Loaded) bass reflex design. Magnetically-shielded, the SA-WX700 supports both line-level and speaker-level inputs and outputs, and has a line output for connection to additional subwoofers for even more bass. The crossover is variable from 50-200 Hz. This will help you match the sub to the bass characteristics of your main speakers, while a phase invert switch allows you to correct any phase conflict that may occur between the sub and your satellite speakers. Additional features include a Bass Boost function and signal-sensing power on/off. Includes speaker cables.



	SA-WM250	SA-WX700	SA-WX700
Frequency Response	20Hz – 200Hz	24Hz – 170Hz	50Hz – 200Hz
Bass Driver	8" long-throw driver	12" long-throw driver	Dual 10" long-throw driver
Power Output	100W	150W	250W
Crossover Frequency	Variable 50Hz – 200Hz	50Hz – 170Hz	40Hz – 200Hz
Weight	25 lb.	39.4 lb.	61 lb.
Dimensions	11.4 x 14 x 15"	14 1/4 x 16 3/4 x 16 1/4"	15.3 x 19.7 x 18.7"

SA-VE367T

7.1-Channel Micro Satellite Speaker System

An economical, space-saving solution for adding a matched-performance speaker ensemble to your home theater system, the SA-VE367T is a complete 7.1-channel micro satellite matched speaker system.

Consists of four identical speakers for front, rear and a slim center channel, plus a 120-watt powered subwoofer. Each speaker is housed in a handsome, silver designed cabinet.



- ◆ The 2-way (3½" woofer with 1/2" tweeter) front and rear speakers have a maximum power handling of 135W, the center speaker 120W.
- ◆ The 120-watt powered subwoofer includes RCA and high level (speaker inputs), and advanced SAW Bass Reflex design, which increase air flow for extra full bass. Other subwoofer features include auto on/off, 2-position high-cut filter, volume control and the convenience of horizontal or vertical placement flexibility.

- ◆ Each speaker is housed in a handsome, silver designed cabinet and are matched to provide superb blending for a seamless soundstage with accuracy speaker to speaker. Sony's speakers are designed using precision crossover assemblies to ensure that all speakers blend and recreate a seamless soundstage.

SA-FT3H

Flat Panel Speaker System



The SA-FT3H Flat Panel Speaker System is the perfect companion to your flat panel television. This matching, flat panel 5.1 satellite speaker system includes a separate active subwoofer with strong mid bass so you make the most of your favorite movies and shows with superb surround sound. Mica reinforced woofer cones provide high

power handling and quick response on the inside, and the 150-watt powered sub-woofer have a complimentary design to match the front speakers.

- ◆ For use with communications where space is not an issue.
- ◆ Flat Panel Matching 5.1 Satellite Speaker System.
- ◆ Specially developed flat drive that offer strong mid bass with 1¼" depth
- ◆ Mica reinforced woofer cones for high power handling and quick response.
- ◆ 150W powered sub-Woofer with complimentary design to the front speakers.
- ◆ Two-way front and satellite speakers are equipped with 4" cone woofer and 1" domed tweeter, the center-channel speaker has dual 3" cone woofers and 1" domed tweeter.
- ◆ Frequency extension up to 50KHz for the latest in high resolution audio reproduction.
- ◆ Includes speaker cable, four tabletop stand bases and a center speaker stand adjuster
- ◆ Optional WS-FV20 speaker stands are available
- ◆ Optional SS-FRF3H Satellite Speaker to transition from a 5.1 System to 6.1 or 7.1 system

HT-DDW670

600-watt 5.1-Channel Home Theater in a Box (no DVD)

Enjoy a grand home viewing experience with the 600-watt HT-DDW670 system.

With Sony picking out the receiver and all the speakers for you—it's like having an engineer at your side when you go shopping. The speakers are matched to the receiver and to each other. Matched speakers maintain spectral balance and stable imaging, no matter where the sound comes from—left, right or center, front or rear.

For superb audio the system includes Digital Cinema Sound System with Cinema Studio EX, while DTS, Dolby Digital and Pro Logic II decoders provide deep bass tones and resonant sound for a great listening experience.

The package includes STR-K670P A/V Receiver, magnetically-shielded, punched metal grille center, front and surround speakers, subwoofer and remote. Includes all cables, speaker wire, and a "Getting Connected Guide" that will have you connected in minutes. All speaker wires are pre-stripped and speaker terminals are spring-loaded. You don't even need a screwdriver.



STR-K670P Receiver

- ◆ Multi-channel output (100 watts x 5)
- ◆ Dolby Digital, DTS, Pro Logic II decoding
- ◆ Digital Cinema Sound System—Cinema Studio EX, A/V sync (simple)
- ◆ AM/FM tuner with 30 station presets
- ◆ Digital Signal Processing (DSP type) 32-bit
- ◆ Coaxial and optical digital input; four analog audio (RCA) inputs
- ◆ 1/4" headphone jack

SS-VE67P Speaker Package

- ◆ Magnetically-shielded slim center speaker with 2-3/4" full-range cone driver to handle up to 100w of power, and spring clip speaker terminals. 6.1 x 3.7 x 4.0" (WxHxD)
- ◆ Four matching front and surround speakers, magnetically-shielded, each with 2-3/4" full-range cone driver to handle up to 100w of power, and spring clip speaker terminals. Speakers also have wall mount key hole. They measure 3.9 x 3.7 x 4.0" (WxHxD) each.

SA-WMSP67 Subwoofer

- ◆ Magnetically-shielded powered sub with built-in 100w amplifier and 8" long-throw woofer. Offers level control, variable high cut frequency, line- and speaker level inputs, and line output for additional subwoofer. 10.6 x 12.8 x 13.1" (HxDxW), it weighs 13.3 lbs.

Includes

- ◆ Remote Commander A/V remote control
- ◆ Speaker cable, digital coax cable

HT-DDW870

755-watt 6.1-Channel Home Theater in a Box (no DVD)



Stepping up, the HT-DDW870 features seven speakers and 755-watts of total power (100-watts x 6 plus 155-watt subwoofer). It offers Dolby Digital, DTS, Dolby Pro Logic IIX, Dolby Digital EX, DTS-ES Neo:6 and 96/24 decoding and a large assortment of inputs/outputs. This includes 3 front analog audio: inputs, 3 digital two optical and one coaxial). It also adds /V Sync allowing alignment of the audio tracks to match the video on newer TVs that have video buffers or delays.

System showing the front and back of the A/V receiver

DAV-DX150 • DAV-DX250**800- and 1000-watt Home Theater Systems with 5-disc DVD Changer**

Surround yourself with brilliant sound. These systems feature 5-disc DVD/CD changer/receiver, subwoofer, slim center-channel speaker, and depending on the system, either four magnetically shielded satellite speakers with 800-watts of total system

power (DAV-DX150) or two magnetically-shielded floor standing front speakers and two satellite speakers with 1000-watts of power (DAV-CX250). They're easy to set-up too. The supplied cables come with color-coded speaker connections making it simple to install, and the simplified button control lets you choose sound fields with relative ease. They have built-in DTS, Dolby Digital and Pro-Logic II decoders and support CD-R/RW discs embedded with MP3/JPEG files.

**DVD/Receiver Section**

- ◆ 5-disc DVD changer with 480P progressive scan output
- ◆ Dolby Digital, DTS, and Dolby Pro-Logic II decoding
- ◆ Compatible with DVD-R/RW, DVD+R/RW, CD-R/RW and DVD+R dual layer discs
- ◆ Digital input allows for connections to digital cable, satellite, HDTV set top boxes and games
- ◆ A/V Sync allows for the alignment of the audio tracks to match the video on newer TVs that have video buffers or delays.
- ◆ Monitor output (component, composite, S-Video)
- ◆ Analog audio input and 1/4" headphone jack
- ◆ Digital tuner with 20FM + 10 AM station presets
- ◆ 11 DSP Modes
- ◆ Digital Cinema Sound EX processing
- ◆ Multi-Channel Output: 133w x 5 (DX150), 143w x 5 (DX-250)
- ◆ Power save mode, timer clock with sleep setting
- ◆ Play modes: shuffle, program, repeat
- ◆ Multi-disc resume (bookmark) up to 40 discs
- ◆ They include UniCommander A/V Remote Control

**DAV-DX150 Speaker System**

- ◆ Magnetically-shielded, matched speakers (slim center, 4 satellites and 135-watt subwoofer with 6 1/4" driver) provide superb blending and improved soundstage. Sony's speaker packages are designed using precision crossover assemblies to ensure that all speakers blend and recreate a seamless soundstage.
- ◆ Color coded speaker connection for easy setup
- ◆ Simplified button control makes selecting a sound field easy

DAV-DX250 Speaker System

- ◆ Magnetically-shielded, matched speakers (slim center, 2 floor standing, 2 satellites and a 285-watt Direct Digital Twin Drive (DDTD) subwoofer. To deliver maximum performance, the DDTD subwoofer integrates two S-Master digital amplifiers, with both providing dedicated power to the subwoofer. This results in a powerful bass sound exceeding that of passive or active subwoofer systems.
- ◆ Color coded speaker connection and simplified button control

HT-V3000DP

705-watt 5.1-Channel Home Theater in a Box System

Transform your home into a mini-theater with this all-in-one sound system. The HT-V3000DP offers complementary WEGA TV styling with 705-watts of power including a 155-watt subwoofer, magnetically-shielded, punched metal grille center and satellite speakers and a sleek silver design.

It features a progressive scan DVD/VHS combo player compatible with S-VHS as well as DVD, CD, VCD, and CD-R/RW with MP3 and JPEG playback. It includes a separate A/V receiver (STR-K665P) with Dolby Digital, DTS, and Dolby Pro-Logic II decoding so you can experience surround sound from your DVDs and VHS tapes, as well as TV shows and video games. Plus, you get Digital Cinema Sound (Cinema Studio EX) processing which provides ultra sharp, crisp sound. You get the convenience of a pre-matched system, with the improved performance of separate components and features like parental lock, multi-lingual on-screen display, and plug and play set-up.



SLV-D350P DVD/VHS Combo

- ◆ Wide heads for optimized EP recording
- ◆ 1 Month/8 Event Recording
- ◆ Progressive scan output, DTS digital output
- ◆ S-VHS Quasi Playback
- ◆ Component and S-Video output for DVD
- ◆ Two composite video inputs, one output (for DVD & VHS)
- ◆ Coaxial & optical digital output for DVD
- ◆ RF input/output for DVD & VCR
- ◆ Auto head cleaner, 60 sec. high-speed rewind, Auto Tracking and parental lock

STR-K665P Receiver

- ◆ 705-watt receiver: 110-watts x 5, plus 150 watt subwoofer
- ◆ Dolby Digital, DTS, and Dolby Pro-Logic II decoding
- ◆ Digital Cinema Sound (Cinema Studio EX) processing
- ◆ Tuner with 20FM + 10 AM Station Presets
- ◆ Coaxial and optical digital inputs
- ◆ 1/4" headphone jack
- ◆ Two analog audio inputs, one output
- ◆ Plug and Play setup for tuner & clock

SA-VE66P Speaker Package

- ◆ 4 magnetically-shielded 100-watt satellite speakers with wall mount keyhole (two front, two center with 3-1/4" full-range woofer), magnetically shielded 100w center-channel speaker with 3-1/4" full-range woofer, and an 8" 150-watt SA-WMSP66 subwoofer.

Conveniences

- ◆ Silver color components (except speakers) and complementary WEGA TV styling
- ◆ Included pre-programmed universal remote control compatible with most major brands

HT-6900DP

1000-watt 6.1-Channel Home Theater in a Box System

Sony's HT-6900DP system will make any audiophile proud with 1000-watts of power through six speakers and a powered 9.75" sub-woofer for great sound. This system includes a digital A/V receiver, a five-disc DVD changer five satellites and center-channel speakers and a 160-watt subwoofer that will rock you while you sit in your living room. Supporting CD-R/RW, DVD-R/RW, DVD+R/RW+RW playback as well as MP3's and JPEG photos this sleek system has the versatility to let you enjoy many kinds of audio and video entertainment.



HT-6900DP, *continued*

In addition to Dolby Digital, Dolby Digital EX, DTS and DTS ES NEO:6 decoders, the HT-6900DP also features Sony's Digital Cinema Surround EX processing for ultra sharp, crisp sound. You'll also appreciate the SmoothScan and SmoothSlow

modes, instant replay and custom parental control. Includes a remote control for all your A/V needs.

SA-VE68P Speaker Package

- ◆ Two magnetically-shielded two-way way 140-watt front speakers with 3-1/4" cone woofer and 1" tweeter
- ◆ Two-magnetically shielded 140w surround speakers with 3-1/4" full-range woofer
- ◆ Two-way wood-finish 140w center-channel speaker with dual 2-1/4" cone woofers
- ◆ 10" 160w SA-WMSP69 powered subwoofer
- ◆ Binding posts on speakers.

5-disc DVD Changer

- ◆ Progressive Scan 5-disc DVD changer with Sony's Precision Cinema Progressive (PCP) technology.
- ◆ Precision Drive 3 Technology with Dynamic Tilt Compensation, Twin Laser Pick-Up, Dolby Digital and DTS decoding
- ◆ CD-R/RW, DVD-R/RW, DVD+RR/W, JPEG & MP3 Playback
- ◆ 12-Bit/108 MHz Video DAC
- ◆ 96kHz/24-bit audio adds realism and impact
- ◆ CD Text equipped discs display shows song titles, artist name and disc titles. DVD text equipped discs will display titles, a jacket picture and other information.
- ◆ Instant Replay (goes back ten seconds) in case you missed a line of dialogue.
- ◆ A/V Sync allows for the alignment of the audio tracks to match the video on newer TVs that have video buffers or delays.
- ◆ Inputs and Outputs
 - Component video Output(s): 1 (Rear)
 - Composite Video Output(s): 1 (Rear)
 - Optical Audio Output(s): 1 (Rear)
 - S-Video output(s): 1 (Rear)
 - RCA Audio Output(s): 1 (Rear)

STR-K6800P Receiver

- ◆ Station Preset(s): 10 AM/20 FM
- ◆ Sound Mode: Digital Cinema Sound™ technology - Cinema Studio EX
- ◆ Sound Mode: Dolby Digital EX, Dolby Pro Logic II DecodingOutput
- ◆ 1000-watts Power: Front (140w x2); Center 140w; Rear (140w x3); Subwoofer 160w

Inputs and Outputs

- ◆ Optical Audio Input(s): 2 (Rear)
- ◆ Subwoofer Output(s): 2 (Rear Pre-out)
- ◆ Coaxial Audio Digital Input(s): 1 (Rear)
- ◆ RCA Audio Input(s): 5 (1 Front/4 Rear)
- ◆ Multi-Channel: 1 (Rear 5.1 Channel Input)
- ◆ Component Video Output(s): 1 (Rear)
- ◆ Component Video Input(s): 2 (Rear)
- ◆ RCA Audio Output(s): 2 (Rear)

HT-9950M

1000-watt 6.1-Home Theater/Juke Box System

Basically the same system as the HT-6900P— same receiver, same speaker package— except instead



of a 5-disc DVD changer, the HT-9950M replaces it with the massive DVP-XC995 400-disc Super Audio/DVD Changer.

- ◆ With enhanced technology and disc management tools the DVP-CX995V takes entertainment to the next level. It features Sony's proprietary Disc Explorer for ease of use when managing discs, so whether it's sorting, filing or categorizing, the DVP-CX995V provides an efficient solution. In addition, it uses an exclusive mechanism, giving it the ability to play single-sided discs or a selected side of dual-sided discs. With the touch of the "FLIP" button, the disc carousel is rotated 180° (or one-half revolution) and the disc is returned into the drive from the opposite side of the mechanism for playback.
- ◆ The DVP-CX995V also up-scales video to high definition (1080i/720p) resolution and transmits high quality audio through a High Definition Multimedia Interface (HDMI). It features coaxial and optical Dolby Digital and DTS output. Offers DVD-R, DVD+R/RW, MP3, JPEG, CD-R/RW VCD and SVCD playback. Additional conveniences include parental controls (400 discs), playback memory (400 discs) and a universal remote control.

DAV-FX10

1000-watt 5.1-Channel DVD Dream Home Theater System

Bring home brilliant home theater with the DAV-FX10 DVD Dream System. With 1000-watts of total system power, an integrated 5-disc DVD/SACD/CD changer and receiver with progressive scan output, Digital Direct Twin Drive Subwoofer with S-Master Digital Amplifier, and five sleek satellite speakers, the DAV-FX10 brings out the best in audio and video. It is compatible with DVD-Video DVD-R/RW, DVD+R/RW, CD-R/RW, Super Audio CD (Multi), MP3 and JPEG

images, and decodes Dolby Digital, Dolby Digital EX, DTS-ES, DTS, and Dolby Pro Logic II. It has a new Bass Enhancement function and the system is easy to set-up, thanks to color-coded speaker connections. For added convenience, it offers an intuitive graphic user interface (GUI) for simple navigation and an easy-to-use on-screen display (OSD) menu setup.



FEATURES

General

- ◆ 5-disc DVD/SACD/CD changer with 480P Progressive Scan output and Sony's Precision Cinema Progressive technology, integrated with an AM/FM tuner, and a fully-digital amplifier that pumps out up to 1000 watts of total system power.
- ◆ DVD-Video, DVD-R/RW, DVD+R/RW, CD-R/RW, Super Audio CD (Multi), MP3 and JPEG playback with slide show
- ◆ Built-in Dolby Digital, DTS and Dolby Pro Logic II decoding
- ◆ 6 speaker system—5 magnetically-shielded satellite speakers and subwoofer for 1000-watts total system power.
- ◆ Tuner with 20 FM + 10 AM station presets

Inputs/Outputs

- ◆ Digital coax/optical input for D-cable/SAT
- ◆ Two analog audio inputs
- ◆ Composite, component and S-Video output; two composite inputs
- ◆ 3.5mm headphone jack
- ◆ Dolby Digital EX and DTS-ES via surround back pre-out

Audio

- ◆ Four magnetic-shielded, perfectly-matched 143-watt front and 143-watt rear speakers with 2 $\frac{3}{4}$ " full-range drivers
- ◆ Magnetic-shielded 143w center-channel speaker with 2 $\frac{3}{4}$ " full-range driver
- ◆ The speakers are powered by the system's integrated S-Master Digital Amplifier, which provides true digital signal processing and minimizes digital to analog conversion.
- ◆ Digital Cinema Sound System (sound fields based on careful measurements of movie production dubbing stages in Hollywood
- ◆ The Digital Direct Twin Drive 285-watt subwoofer incorporates two S-Master digital amplifiers, with both providing dedicated power to the subwoofer.

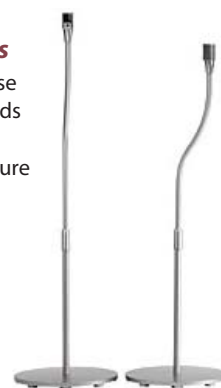
Conveniences

- ◆ Speakers and cabling are color-coded and clearly labeled for fast and easy setup.
- ◆ Pre-programmed backlit A/V remote control
- ◆ DVD/CD/SACD Text mode
- ◆ Display dimmer
- ◆ Play Modes (Shuffle, Program, Repeat)

ACCESSORIES

WS-FV11 Floor Speaker Stands

Sold as a pair, these floor speaker stands are adjustable in height and feature hollow tubes that hide the speaker cables. The silver finish matches the HT Series and DVD Dream Systems.



WS-WV10D/S Wall Brackets



A perfect fit for all SA-VE and HTIB type speakers. Designed to complement

your decor, these sleek, silver wall brackets will elevate the sound you hear and add style to your entertainment system. They are sold as a pair and enable flexible placement on the wall. Your speakers never looked this good!

DAV-FX80

1000-watt 5.1-Channel DVD Dream System

Dream a little dream with the DAV-FX80 Dream System. Stepping up from the DAV-FX10, this system features all five two-way speakers including two front or shelf-standing speakers. In addition, this system up-scales video to 1080i/720p high definition resolution and transmits high quality audio through a HDMI (High Definition Multimedia Interface). HDMI connections allow for the transfer of uncompressed digital audio and video digital signals to other HDMI equipped components like HDTV flat panels.

- ◆ Two magnetically-shielded, 143-watt floor-standing two-way speakers with 2-3/4" cone woofer and Nano-Fine 1" dome tweeter for SACD sound enhancement.
- ◆ Magnetically-shielded 143-watt center-channel speaker with 2-7/8" cone woofer and Nano-Fine 1" balanced dome tweeter for SACD sound enhancement.
- ◆ Two magnetically shielded, 143-watt two-way surround speakers with 2-3/4" cone woofer and Nano-Fine 1" balanced dome tweeter for SACD sound enhancement.

**Real World Versatility**

Sony's family of DVD Dream Systems was built to fit into your lifestyle. For that purpose, the systems are designed to work with your other audio and video components such as your television, set-top cable or satellite box, and VCR. The systems feature multiple inputs and outputs, including digital connections for satellite TV and HDTV signals. Component, composite and S-Video connections offer connectivity to both digital and analog TVs. Digital optical audio inputs provide connections to other digital audio components, and analog audio inputs allow to hook up just about any audio component or device.

DAV-FX100W 1000-watt 5.1 Wireless DVD Dream System



An all-in-one home theater system with advanced wireless technology, the DAV-FX100W delivers seamless high-quality audio/video playback with even simpler set-up and configuration flexibility. The two wireless surround speakers employ Sony's Digital Infrared Audio Transmission (DIAT) technology. This advanced wireless technology has enough bandwidth to maintain the signal integrity of the highest-resolution surround sound sources, including HDTV and SACD. In addition, the DAV-FX100 features four 2-way floor-standing speakers.

Same as the DAV-FX80, except—

Equipped with Sony's cutting-edge DIAT (Digital Infrared Audio Transmission System) wireless technology, the DAV-FX100W transfers digital audio signals without compression or compromise to sound quality. Using small, unobtrusive transmitters/receptors, the DIAT system transmits multi-channel digital audio signals throughout a local area using infrared light as the carrier. It eliminates the need for wires to connect the rear speakers as the signals are transmitted directly from front to rear. Sony's DIAT system is unique in that it is not vulnerable to interference by other wireless information or data from microwaves and cordless phones. Just imagine... no more drilling holes through the floor or taping down to hide messy cables. The DAV-FX100W's design is sure to be a visual centerpiece inside any home.

Glazed with a metallic frost, this system will illuminate any room with its four slim and elegant two-way floor-standing speakers (with 2-3/4" cone woofer and Nano-Fine 1" balanced dome tweeter for SACD sound enhancement) and gorgeous brushed aluminum chassis.

(212) 444-5003 • 1-800-947-9903

DAV-LF10

600-watt High-Style, Wireless Platinum DVD Dream System

Sony's second wireless DVD Dream System with DIAT multi-channel surround sound in a stunning and functional industrial design.

The floating glass main unit houses the system's single-disc DVD/SA-CD/CD player and is styled after Sony's floating glass plasma and LCD television design. The system's thin, brushed-aluminum front speakers are height adjustable and wall-mountable for flexible installation.

The rear brushed aluminum speakers employ Sony's DIAT wireless technology

which allows you to realize the full power of 5.1 channel surround sound without running wires from the front of the room to the rear. The advanced DIAT technology transfers digital audio signals without compression or compromise to sound quality. It ensures pure audio reproduction without deterioration that might be present in other wireless transmission systems, and it insures against interference from common household items such as microwaves and cordless phones. The system also features a unique touch-panel remote control, Sony's S-Master digital amplifier, Precision Cinema Progressive circuitry, color coded and changeable speaker wires for easy set up and A/V Sync.



FEATURES

General

- ◆ Progressive Scan DVD/SACD/CD player
- ◆ DVD-Video, DVD-R/RW, DVD+R/+RW, CD-R/RW, Super Audio CD (Multi), MP3 and JPEG playback
- ◆ Built-in Dolby Digital, DTS and Dolby Pro Logic II decoding
- ◆ 600-watts total power output: front speakers (86w x2), center-channel (86w), rear speakers (86w x2) and 170-watt subwoofer
- ◆ Subwoofer jack pack frees up location possibilities for the main unit
- ◆ Floatint design main unit
- ◆ Tuner with 20 FM + 10 AM station presets

Audio

- ◆ Two magnetically-shielded height adjustable, aluminum floor-standing two-way front and two surround speakers. Each equipped with two 2" cone woofers and Nano-Fine 1" balanced dome tweeter for SACD sound enhancement.
- ◆ Magnetic-shielded center-channel speaker with 2" cone woofers and Nano-Fine 1" balanced dome tweeter for SACD sound
- ◆ 170-watt (dual 85w amps) subwoofer with 7-1/2" woofers
- ◆ Digital Cinema Sound System (sound fields based on careful measurements of movie production dubbing stages in Hollywood

Inputs/Outputs

- ◆ Digital input for DVD (SACD, CD), Video, Satellite, Tuner (AM/FM)
- ◆ Two analog audio inputs
- ◆ 3.5mm headphone jack
- ◆ Optical digital audio input
- ◆ Composite, component and S-Video output

Conveniences

- ◆ Color coded speaker connections
- ◆ DVD/CD/SACD Text mode
- ◆ On screen display (OSD; power save mode)
- ◆ Play Modes (Shuffle, Program, Repeat)
- ◆ Includes pre-programmed luminous A/V remote control
- ◆ A/V Sync allows for the alignment of the audio tracks to match the video—necessary for TVs that have video buffers or delays.
- ◆ Optional wall mount (WS-DAVLFM) to hang the main unit of the DAV-LF10 head unit on the wall.

DIAT Wireless Technology: Enabling wireless functionality and high performance audio/video playback via DIAT (Digital Infrared Audio Transmission) wireless technology, the DAV-LF10 integrates seamlessly with flat panel TVs for the ultimate experience in home theater entertainment. Aesthetically pleasing and virtually hassle free - by eliminating wires from front to back - the DAV-LF10 is ideal for discerning consumers who demand the most of performance and style. And DIAT ensures pure audio reproduction without deterioration that occur in other wireless transmission systems.

DAV-X1

2.1-Channel Surround Sound Platinum DVD Dream System

The DAV-X1 is a 2.1 channel Platinum DVD Dream System which delivers surround sound with the use of only two front speakers and a powered subwoofer, not the traditional 5.1 channel configuration. It delivers technically advanced front surround sound with Sony's proprietary S-FORCE Front Surround technology, which utilizes an all-digital process with no analog conversion. This creates a distinct separation of signals between front, center and rear channels. The system's speakers are designed with two unique drivers in each. The drivers are fed by multiple discrete channels creating an "out of box" surround sound experience. Combined with the Sony's Digital Direct Twin Drive subwoofer, the DAV-X1 is ideal for multi-channel material such as SACD (Super-Audio CD) and DVD delivering crisp, well defined surround sound that will engross you. The single-disc system also features advanced 720p/1080i video upscaling and an HDMI interface. To set the system up, you only need to hook up the single-wire speaker connection and the power cord in addition to the HDMI connection.



FEATURES

DVD Player/Receiver

- ◆ Integrated single-disc DVD/CD/SACD player and receiver
- ◆ DTS, Dolby Digital and Dolby Pro Logic II decoding for dynamic, spacious, and realistic digital surround sound.
- ◆ Plays DVD, SACD, CD, Video CD, CD-R/RW, DVD-R/RW, DVD+R/RW and DVD+R Dual Layer and CD-R/RW discs with MP3 and JPEG embedded files
- ◆ Station Preset: AM:10 FM:20
- ◆ Inputs and Outputs
 - HDMI Connection Output(s): 1 (Rear)
 - Optical Audio Input(s): 1 (Rear)
 - Optical Audio Output(s): 1 (Rear)
 - Coaxial Audio Digital Input(s): 3 (Rear)
 - RCA Audio Input(s): 3 (Rear)
 - Component Video Output(s): 1 (Rear)
 - Composite Video Output(s): 1 (Rear)
 - S-Video Input(s): 2 (Rear)
 - S-Video Output(s): 1 (Rear)

High Performance

- ◆ Up-converts video to 1080i/720p high definition resolution and transmits signal through an HDMI (High Definition Multimedia Interface). HDMI connections allow for the transfer of uncompressed digital audio and video digital signals to other HDMI equipped components like HDTV flat panels.
- ◆ S-FORCE Pro 2.1 surround sound technology emulates a three-dimensional surround sound field by using advanced signal processing and sound wave phasing, while the omnidirectional subwoofer handles the low-frequency effects. The result is full immersive surround sound with fewer wires, and less speakers than some surround systems.
- ◆ A/V Sync (Lip Sync) lets you align the audio tracks to match the video—for perfect simultaneous playback of sound and image.
- ◆ S-Master® Digital Amplifier processes audio signals from your HDTV broadcast, DVD, Super Audio-CD, or other digital source. The signal processing and amplification is executed entirely in the digital domain with no analog steps, resulting in clear, accurate sound reproduction.
- ◆ Digital Direct Twin Drive subwoofer delivers a much more powerful and uniform bass sound that exceeds most passive or active subwoofer systems.
- ◆ Night mode lets you enjoy sound effects or dialogue as you would in a movie theater, even at low volume. Ideal for late-night viewing.
- ◆ Picture Navigation lets you divide the screen into nine subscreens to quickly find a particular scene.

Speaker System

- ◆ Two magnetically-shielded front/surround bass-reflex speakers with dual 2" drivers. 6-1/2 x 3-1/8 x 5-3/8" (WxHxD)
- ◆ Magnetically-shielded bass-reflex subwoofer with dual 6" woofers. Measures 8-1/2 x 14-3/8 x 19-3/8" (WxHxD)

CMT-NEZ3

CD Micro System

Enjoy multiple music formats - playback your favorite CDs, cassettes, and MP3 music on the CMT-NEZ3. A 20-watt micro system, it features a top-loading single CD player for directly inserting and playing back a CD-R or CD-RW. The cassette deck with CD Synchro Record lets you playback and record tapes with ease. You can play MP3 songs that have been recorded onto a CD-R /RW discs. Offers the added convenience of a 2.5mm input for digital music players or your PC. This allows you to plug and play the music on your digital music device or PC through the CMT-NEZ3.



CMT-DV2D DVD Micro System



Fuse your movie and music together in one compact, space saving system. Enjoy music and video formats- playback your favorite DVD's, CD's, cassettes and MP3 music on the CMT-DVD2. This 100-watt micro system has a single disc DVD player compatible with DVD/VCD/CD/MP3 and features Dolby Digital, dts, Dolby Pro Logic II decoding. Additional features include head phone output, digital output/analog line input and a remote control

- ◆ DVD Video Playback micro system with stylish shelf design
- ◆ 100 watts total system power
- ◆ DVD/VCD/CD/MP3 player
- ◆ Cassette deck for legacy format
- ◆ Dolby Digital & dts compatible
- ◆ CD-R/RW, DVD-R/RW compatibility
- ◆ Preset Sound Field x7
- ◆ 2-way speaker system with a 4-3/4" woofer and 1-1/2" tweeter
- ◆ FM 20 /AM 10 Preset
- ◆ Head Phone output
- ◆ Digital output/ analog line input
- ◆ Includes Remote Commander remote control

NAS-CZ1 Network Audio System

The NAS-CZ1 is an easy way to listen to music stored on a PC. To allow users to play their favorite music across their home, the NAS-CZ1 has multi-room capability where users can connect multiple numbers of NAS-CZ1s to one PC. The system can also be connected to any network using standard ethernet network cable or via a wireless connection using a 3rd party wireless LAN adapter. So that users can make the most out of their existing music library, the NAS-CZ1 allows automatic connection to a wide range of music jukebox software (including MusicMatch, Windows Media Player, iTunes, and SonicStage) via the supplied software M-crew Server. It is also compatible with a wide range of audio codecs (including MP3, WAV, OGG, WMA and AAC). In addition the built in omni-directional speaker system creates a wide acoustic field ideal for casual listening and allowing for almost any placement within the living environment. The NAS-CZ1 has dynamic play list generation allowing users to listen to their most frequently, recently, new and never played tracks. A favorite playlist feature is incorporated as part of the system. Complete with remote control it has never been easier to play music from your PC wherever and whenever you want.



CMT-A70**CD Micro System**

The CMT-A70 Micro System is an ultra compact and stylish personal sound system. With a two-way bass reflex speaker system, a woofer, and tweeter, music sounds amplified with deep bass and treble frequencies. Listen to CDs, MP3s, ATRAC, cassettes and AM/FM radio. Now you can even listen to music from a digital music device or PC by simply plugging into the CMT-A70 via a 2.5mm jack. Start enjoying the high-quality sounds of the CMT-A70 Micro System from the comfort of your home or office.

**CMT-CPX22****5-Disc CD Changer Micro System**

Get a micro system for your tight spaces... work cubicle, small home office, bookcase, tool cabinet, rec room, etc. Elegant and stylish with a silver and wood panel finish, the CMT-CPX22 may be small, but it still packs a punch, with 200 watts of total power and 2-way main speakers with 5" glass fiber woofers and a soft dome tweeter. It has a 5-disc changer, dual cassette deck, 20 FM + 10 AM presets, and CD-R/RW with MP3 playback capability. Includes batteries and Remote Commander.

CMT-HPZ9**5-Disc CD Changer Micro System**

Next time the neighbors come over set the party off right with the CMT-HPZ9 Micro System. The perfect addition to any home or work space, it features 170 watts of speaker power which means more boom for your buck. Also features a 5-disc CD changer with CD pop-Up loading mechanism and MP3/ATRAC3 plus playback.



- ◆ 170 watts total power (85 watts per channel x 2), ideal for small to large size rooms or offices.
- ◆ PC/Audio In allows simple plug-and-play integration with a digital music device or PC via a 2.5mm jack.
- ◆ CD pop-up loading mechanism ejects CD's vertically for convenience.
- ◆ Weighs only 17 lbs., so you never have to leave home without it
- ◆ Three driver design. The speaker's crossover splits the frequency band into three ranges: bass frequencies go to the 4-3/4" woofer, and treble frequencies go to the 3/4" tweeter and the middle frequencies are sent to the 2" mid-range driver.

SD-V57HT

500-watt DVD/VHS Home Theater System

Enrich your home theater experience with the SD-V57HT. A great value, they system offers advanced features in a convenient one-package solution that includes an integrated receiver with a progressive scan DVD player and 4-head HiFi VCR. In addition to Digital Cinema

Progressive Scan outputs, it offers component

and S-video outputs for flexibility in

connectivity, as well as an optical digital input and two

analog A/V inputs to support additional products

such as DBS and cable.

The system provides six

channel amplification for a

superior surround sound experience — it offers five discreet channels at 70-watts and a 150-watt subwoofer (500-watts total). It includes five acoustically matched 2-way satellite speakers with a ported subwoofer with a 7" driver. Optimizing the listening experience, it has built-in Dolby Digital, DTS and Dolby Pro Logic II processing, in addition to an AM/FM tuner, WMA and MP3 playback.



FEATURES

Video

- ◆ ColorStream Pro component video outputs allow the highest quality video signal to be sent from the DVD player to a component equipped progressive scan TV for a detailed picture with unequaled color purity.
- ◆ Digital Cinema Progressive delivers the smooth, film-like images to any progressive scan television, including HD-compatible TVs ensuring maximum resolution.
- ◆ VHS 4-Head/19-Micron Head System features enhanced SLP and EP performance that rivals the quality of tapes recorded in SP Mode.
- ◆ Compatible with DVD-Video, DVD-R/RW, Video CD CD-R/RW discs
- ◆ Simultaneously watch a DVD while recording a TV program
- ◆ JPEG Viewer enables the display of digital images. Simply load a CD with your favorite photos and create custom slide shows with a few simple clicks of the remote control.
- ◆ S-VHS Quasi Playback will allow tapes that were recorded in a Super VHS deck to be played back in the Toshiba deck without a significant reduction in quality.

Audio

- ◆ Built-in Dolby Digital, Dolby ProLogic II and DTS decoders
- ◆ TosLink (optical) digital audio input
- ◆ Playback WMA and MP3 files recorded on CD-R and CD-RW discs
- ◆ Sx channel A/V receiver with digital AM/FM tuner (50 AM/FM station presets) and channel level adjustments
- ◆ The SD-V57HT packs a punch with 500 total watts of power. 70-watts per channel for all five main channels, and additional 150-watt output is reserved for the sixth (subwoofer) channel.
- ◆ Acoustically timbre-matched 2-way satellite speakers and separate subwoofer ensures the smoothest sound reproduction within the sound stage. Speaker cables are color-coded for all six speakers
- ◆ VHS Hi-Fi stereo delivers the highest quality stereo sound from tapes recorded with a high fidelity soundtrack. This provides the ability for the internal Dolby ProLogic II surround sound decoder to reproduce the surround sound content encoded on the tapes.

Speakers

- ◆ Acoustically timbre-matched satellite speakers ensure smooth sound reproduction, while the 7" subwoofer faithfully reproduces the low frequency information of today's finest digital soundtracks.
- ◆ Color coded speaker cable for all 6 speakers

Inputs/Outputs

- ◆ One component (rear, DVD) and one S-Video input (rear, DVD), composite video out (rear, VHS and DVD), two composite video inputs (front & rear), L-R audio out (rear, VHS and DVD), L-R audio inputs (front, rear)

Conveniences

- ◆ Auto Clock ensures the VCR never blinks "12:00". A special data stream in your local broadcast source (where available) automatically sets the clock and keeps it accurate.
- ◆ Supplied remote control operates all the functions of the DVD/VCR receiver. Plus it's pre-programmed to control a variety of TV brands with the default out of the box to Toshiba TV products.

SD-V67HT

600-watt DVD Home Theater Systems

The SD-C67HT offers a host of advanced features in a convenient one-package solution that includes an integrated A/V receiver and 5-disc DVD changer with elevator design. It includes an HDMI output with video up-conversion to 720p or 1080i, in addition to Memory Card slots supporting 7 formats (SD, CompactFlash, Smart Media, Memory Stick, Memory Stick PRO and MicroDrive). It also offers front



and rear A/V inputs in addition to both coaxial and TosLink optical digital inputs. The SD-C67HT provides five discrete channels at 90-watts per channel with a 150-watt subwoofer (600-watts total). The two-way speaker system is comprised of two-way semi-tower front speakers, slim profile center channel, satellite rear speakers and a ported 7" subwoofer.

FEATURES

Video

- ◆ High-Definition Multimedia Interface (HDMI) adds convenience and brings home theater to the next level by streaming multi-channel digital audio and digital video information together on one cable to high definition televisions with a compatible input.
- ◆ Video Up-conversion displays a pure digital signal at both 720p or 1080i, matching the resolution of HDTV and thus eliminates signal degrading A/D-D/A conversion.
- ◆ ColorStream Pro component video outputs allow the highest quality video signal to be sent from the DVD player to a component equipped progressive scan TV for a detailed picture with unequaled color purity.
- ◆ Digital Cinema Progressive delivers smooth, film-like images to progressive scan TVs, including HDTV ensuring maximum resolution.
- ◆ Compatible with DVD-Video, DVD-R/RW, Video CD CD-R/RW discs
- ◆ JPEG Viewer enables the display of digital images. Simply load a CD with your favorite photos and create custom slide shows with a few simple clicks of the remote control.

Audio

- ◆ Built-in Dolby Digital, Dolby ProLogic II and DTS decoders
- ◆ TosLink (optical) digital audio input
- ◆ Playback WMA and MP3 files recorded on CD-R and CD-RW discs
- ◆ Sx channel A/V receiver with digital AM/FM tuner (50 AM/FM station presets) and channel level adjustments
- ◆ The SD-C67HT packs a punch with 600 watts of power. 90-watts per channel for all five main channels, and additional 150-watt output is reserved for the sixth (subwoofer) channel.

Speakers

- ◆ Acoustically timbre-matched speaker package includes 2 two-way semi-tower, two-way satellite center, 2 two satellite rear surrounds, and separate subwoofer for optimum performance. The 7" subwoofer faithfully reproduces the low frequency information of today's finest digital soundtracks.
- ◆ Color coded speaker cable for all 6 speakers

Inputs/Outputs

- ◆ HDMI input (rear) one component (rear) and S-Video input (rear), one composite video out (rear), two composite video inputs (front & rear), L-R audio out (rear), L-R audio inputs (front, rear)

Conveniences

- ◆ 7-in-2 Media Card playback. The integrated receiver/DVD changer accepts SD, Memory Stick, Memory Stick PRO, MMC, Smart Media, CompactFlash cards and MicroDrives. By taking advantage of these different media formats, the DVD player will allow functionality for JPEG, WMA and MP3 files.
- ◆ Play Exchange lets you load/unload discs while a disc remains in the player so the music never stops. In addition, the 5-disc changer incorporates an elevator design for a smaller compact multi disc solution.
- ◆ Supplied remote control operates all the functions of the DVD/VCR receiver. Plus it's pre-programmed to control a variety of TV brands with the default out of the box to Toshiba TV products.

VX-10

10" 150-watt Subwoofer

Bring the thrill of live concerts and "first run" surround sound movie theaters into your home at a price you can easily afford. Designed to deliver substantial bass output for home theater applications at a very low price, the VX-10 has a 10" driver powered by a discrete-component 150-watt dynamic power amplifier. The front-firing 10" woofers output is enhanced by a precisely engineered rear-mounted port to produce significant bass extension, output and impact.

Starting with a custom-designed, acoustically neutral ported cabinet, the VX-10 adds a carefully selected high performance speaker engineered to produce low, accurate, high-output bass. This is then specifically matched to a high efficiency amplifier and and quality crossover to produce the low bass frequencies with authority.

Further separating the VX-10 from the competition is a precision-machined voice coil gap and large copper voice coil, a stiff, light coated-fiber cone and a specifically engineered ported cabinet.

- ◆ Variable low pass
- ◆ Phase switch
- ◆ Gain (volume control)
- ◆ Signal sensing on/off
- ◆ LED power indicator
- ◆ High and low level inputs and high level outputs



DIGITAL POWER SLOT (DPS) SERIES

DSP-Controlled 10" (DPS-10) and 12" (DPS-12) Subwoofers



Digital Signal Processing (DSP) is at the heart of the DPS-10 and DPS-12 subwoofers, providing less distortion, customized listening modes and the most output possible. All signal processing of these advanced, yet affordable subwoofers is managed digitally, and is controlled with a single touch of a button using the unique front touch-panel. Located on the panel are four convenient presets as well as volume control and an exclusive Night Mode setting. The top panel of these incredibly elegant-looking subwoofers has 15 coats of high-gloss, hand-buffed, black lacquer.

The series consists of the DPS-10 with a 10" forward firing driver (8.2" piston diameter) and the DPS-12 with a 12" forward firing driver (9.9" piston diameter). They easily outperform any subwoofer in their class in both quality and quantity of bass reproduction.

- ◆ The DPS-10 and DPS-12 process all LFE signals digitally and all functions are controlled digitally as well: presets, volume, night mode, low-pass crossover/slope, subsonic frequency/slope and overdrive protection. Using a DSP-based sub means less distortion and the most output possible, while maintaining a flat, accurate response and blending seamlessly with the main speakers.



easy-to-use front touch-panel control where many functions can be performed and customized with a single touch of a button.

- ◆ On the top front of the subs is a unique,
- ◆ Choice of four presets - Movies, R&B-Rock, Jazz-Classical, or Games. Each preset selected is illuminated with a blue LED. So whether you're looking for the driving bass in R&B and rock, the excitement of hard hitting bass for games, maximum output and impact for movies, or the pure, accurate bass found in jazz and classical music, they can customize any performance or program material.
- ◆ Night Mode limits the maximum output of the subwoofer for late night listening or to be considerate of close neighbors.
- ◆ Volume control allows you to balance the output from the subwoofer to the main speakers in your system.
- ◆ Custom designed using Velodyne's Total System Design concept—the perfect match of cabinet, amp and driver for the finest music and home theater sound reproduction and to ensure long-term reliability.
- Allows for maximum bass extension, output and impact while minimizing port noise.
- The top panel has 15 coats of high-gloss, hand-buffed, black lacquer.
- Dual layer, large copper wound voice coils are specifically matched with massive magnets to provide dynamic bass you can actually feel.
- Subwoofer Direct assures full compatibility with all digital surround receivers.

VRP-1000 • VRP-1200

10- and 12" Rear Port
(VRP) Series Subwoofers

Combining legendary Velodyne technology with a price that anyone can afford, the stylish VRP-1000 and VRP-1200 deliver deep, powerful, accurate bass, not just weak, muddy, boomy, "mid-bass". So whether your focus is thunderous reproduction of home theater's challenging special effects, or low, tight, dynamic bass that adds that lifelike quality to your music, the VRP Series produces bass that you can really appreciate.

By using a low noise, rear port design, the VRP Series subwoofers play louder and go lower than similarly priced products and accurately reproduce the most difficult bass information.

The VRP-1000 with a 10" forward firing driver (8.2" piston diameter) and the VRP-1200 with a 12" forward firing driver (9.7" piston diameter) are both finished in black ash with a stylish hourglass front grille and high gloss black accents.



- ◆ To power the subwoofers, Velodyne uses highly efficient bipolar-MOS technology amplifiers, capable of producing significant dynamic power from their reserve headroom. In addition, each amp incorporates two specialized protection circuits to insure their long-term durability. Compared to conventional IC amp designs, VRP series amps are more reliable, have more punch and produce more power to accurately reproduce the most difficult bass information.
- ◆ Both the 10" VRP-1000 and the 12" VRP-1200 use drivers with massive magnets and copper-wound voice coils matched precisely to their Monolithic MOS Power Amplifiers in order to maximize the bass response of each subwoofer. Their high power handling capabilities and extended excursions allow these subwoofers to play louder and go lower than similarly priced products, as well as assuring extraordinary reliability.
- ◆ Low-noise, rear port design limits the audible noise created by the air moving in the port itself. This enhances low bass performance and output while maintaining musical accuracy.
- ◆ Flexible, high quality crossover system
- ◆ Video shielding
- ◆ Adjustable low-pass filter
- ◆ Phase adjustment

	VX-10	DPS-10	DPS-12	VRP-1000	VRP-1200
Amplifier	Discrete component A/B class amplifier	A/B class amplifier	A/B class amplifier	Monolithic MOS A/B class amplifier	Monolithic MOS A/B class amplifier
Nominal Output Power	100 watts RMS	185 watts RMS	200 watts RMS	115 watts RMS	130 watts RMS
Dynamic Power	150 watts	375 watts	400 watts	170 watts	195 watts
Driver	10" (8.2" piston diameter) coated fiber cone with an inverted dust cap	10" forward firing (8.2" piston diameter)	12" forward firing (9.9" piston diameter)	10" forward firing (8.2" piston diameter)	12" forward firing (9.7" piston diameter)
Voice Coil	2"	2" four-layer copper	2" four-layer copper	2" copper-wound	2" copper-wound
Magnet Structure	6 lbs (2.7kg).	40 oz. (2.5 lbs)	55 oz. (3.5 lbs)	6 lbs.	6 lbs.
Crossover	Variable from 50-200 Hz	Variable from 40-120 Hz	Variable from 40-120 Hz	Variable from 50-200 Hz	Variable from 50-200 Hz
Frequency Response	36-120 Hz, ± 3 dB	28-120 Hz, ± 3 dB	25-120 Hz, ± 3 dB	35-140 Hz ± 3 dB	29-140 Hz ± 3 dB
Inputs	RCA Spring-loaded, high-level	Line-level and Speaker-level	Line-level and Speaker-level	RCA Line Level, LFE and Speaker Level	RCA Line Level, LFE and Speaker Level
Outputs	High-level	Speaker-level	Speaker-level	Stereo speaker-level	
Grill	Surface mounted woofer grill with acoustically transparent cloth	—	—	Yes	Yes
Weight	35 lbs	51 lbs (approx.)	58 lbs (approx.)	35 lbs.	45 lbs.
Dimensions (HxWxD)	15" x 12" x 17"	16.25" x 14.5" x 17"	18.25" x 14.5" x 19"	15" x 12" x 17"	16.5" x 14.5" x 19.75"
Cabinet	Acoustically neutral LDF ported enclosure	High-glass, hand-buffed, black lacquer finish	High-glass, hand-buffed, black lacquer finish	Acoustically neutral ported enclosure	Acoustically neutral ported enclosure

NS-333

2-Way Performance Bookshelf Speaker

A two-way bass reflex bookshelf speaker, the 150-watt NS-333 is designed specifically for home theater applications. It can be used for main channels in a smaller system or as surround speakers in a large system. It incorporates a 5" Polymer-Injected Mica Diaphragm (PMD) cone woofer and a 1" aluminum dome tweeter. For improved imaging, the tweeter utilizes Yamaha's exclusive waveguide horn. Ideal where space is limited, but high performance is still expected, the speaker is finished in high-gloss piano black with gold-plated post terminals to match the NS-555 or NS-777.



- ◆ Bookshelf speakers are as flexible as they are functional. In either front or rear positions (or both), they achieve outstanding efficiency and dynamic range, while delivering consistently high performance in any multi-channel system environment. Of course, they're also great speakers for a smaller system in an office or bedroom.

All NS-Series Speakers Feature:

Magnetic Shielding

The speakers are magnetically shielded, so they can be placed near a TV or monitor without degrading the picture via stray magnetic fields.

Waveguide Horn

Unlike our homes, movie theaters use sound absorbing materials on walls and ceilings. This means that the sound reaching your ears is the sound wave produced by the speakers rather than reflected off the walls. Yamaha's wave guides greatly reduce reflected sound and increase the proportion of directly generated sound waves reaching your ears. The result is a clear and precise sense of sound direction and placement.

Internally Wired with Monster Cable

Yamaha has chosen to ensure optimum sound quality by internally wiring some of the components with Monster Cable. This ensures a clean, clear signal from the crossover network to the speaker driver.

Performance Enhanced by a Handsome Cabinet

Speakers are enclosed in an Elliptical Form cabinet with a high gloss black piano finish, which provides solid construction with minimal sound diffraction. In addition, the grill design and grill cloth provide an attractive and acoustically transparent protective cover for the drivers.



NS-C444

2-Way Acoustic Suspension Center Channel Speaker

A horizontal 3-speaker that matches NS-series in performance and appearance, the 250-watt NS-C444 center channel speaker is designed specifically for home theater applications. The speaker is an acoustic suspension design and incorporates dual 5" Polymer-Injected Mica Diaphragm (PMD) cone woofers and a 1" aluminum dome tweeter. For improved imaging, the tweeter utilizes Yamaha's exclusive waveguide horn.

- ◆ The center channel is the most important part of a movie soundtrack, reproducing the actor's voices and all of the other sounds associated with the on-screen action. Typically placed above, atop, or just below the television, the center channel speaker reproduces over 75% of the on-screen action in a Dolby Digital soundtrack. It is therefore, important that it have a wide frequency response and high power handling capacity. For optimum performance the speaker should also be voice-matched to the other speakers in your home theater, creating a seamless soundstage as action moves from left to center to right (and back) during playback of the selection.

NS-555 • NS-777

3-Way, 4-Driver High Performance Floor Standing Speakers

These 3-way/4-driver, 250-watt bass reflex floor standing speakers bring new levels of excitement to the home theater experience. Whether it's a video/music performance or movie night, they offer more than you'd expect from their affordable price. Designed specifically for home theater applications, they can be used for main channels.

The NS-555 incorporates a pair of 6 1/4" Polymer-Injected Mica Diaphragm (PMD) cone woofers, a 5" midrange cone driver and a 1" aluminum dome tweeter.

The NS-777 steps up with an 8" Polymer-Injected Mica Diaphragm (PMD) cone, as well as a 5" midrange cone driver and a 1" aluminum dome tweeter. For improved imaging, the midrange and tweeter utilize Yamaha's exclusive waveguide horns.

Gold-plated binding post terminals provide optimum connectivity.

**Matching Speaker Stands:**

Yamaha's matching speaker stands are supplied to provide the solid footing necessary for full floor contact, enhanced stability, and minimal vibration resonance. The stand also provides an attractive counterpoint to the cabinet.

Internally Wired with Monster Cable:

Yamaha has chosen to ensure optimum sound quality by internally wiring some of the components with Monster Cable. This ensures a clean, clear signal from the crossover network to the speaker driver.

Bi-Wiring Capability:

To further maintain signal purity, Yamaha provides bi-wiring capability for the NS-555 and NS-777 speakers. There are separate +/- terminals for the woofer(s) and other driver(s). The separation reduces modulation distortion and better sound quality.

Magnetic Shielding:

The speakers are magnetically shielded, so they can be placed near a TV without degrading the picture via stray magnetic fields.

	NS-333	NS-C444	NS-555	NS-777
Woofers	5" Polymer	5" Polymer	6 1/4" Polymer	8" Polymer
Mid-range Driver	–	–	5" Cone Waveguide	5" Cone Waveguide
Tweeter	1" Aluminum Waveguide	1" Aluminum Waveguide	1" Aluminum Waveguide	1" Aluminum Waveguide
Magnetic Shielding	Yes	Yes	Yes	Yes
Bi-Wiring Connectivity	–	–	Yes	Yes
Input Power	60 watts nominal	100 watts nominal	100 watts nominal	100 watts nominal
Frequency Response	65 Hz - 35kHz	65 Hz - 35kHz	35 Hz - 35kHz	30 Hz - 35kHz
Dimensions (WxHxD)	7 1/8" x 12 1/8" x 8 1/8"	20 1/4" x 7 1/2" x 8 1/8"	8 1/4" x 39 1/8" x 12 1/4"	10 1/8" x 43 1/8" x 15 1/8"
Weight	12.1 lbs	16.1 lbs	44.1 lbs	53.8 lbs

NS-C225P 2-Way 120 Watts Floor-Standing Speaker

The Yamaha NS-225F is a 2-Way, 120 Watt floor-standing speaker that is perfect for your high-tech home theater set-up. These slim, high-performance speakers feature luxurious real wood construction with an open-pore black finish, that will blend right into your existing equipment. The 1.125" aluminum-magnesium dome tweeter and dual 3.125" PMD cone woofer were designed for extreme accuracy and top-rated performance, combining the latest technology with the best materials possible. Alone or with an entire digital home theater speaker system by Yamaha, these speakers will certainly satisfy the audiophile in you.

125 Series

Digital Home Theater Speakers

Powerful, high quality speakers designed to match today's thin components and TVs, the 125 Performance Series consists of a pair of two-way bass-reflex bookshelf speakers (NS-M125P), two-way bass-reflex tower speakers (NS-125FP) and the NS-C125 center-channel speaker. Each speaker features two 3.1" white cone woofers and a 1" balanced dome tweeter for enhanced sensitivity and durability. Capable of 120-watts of power, the speakers reproduce soundtracks and music at the peak of clarity. Their narrow design creates a clear, accurate sound stage that mimics the audio performance of commercial movie theaters.

The NS-125F features two bass reflex ports precisely tuned to achieve the best low frequency response and maximize the speaker speed movement; a Bass Anchor with a heavy-duty round steel plate that provides stable support and dampens vibrations; and high-quality brass and gold-plated terminals the highest signal conductivity.

All speakers are magnetic shielded to prevent video interference when placed close to a TV or monitor, and all include high-quality brass and gold-plated binding posts to ensure the high-quality signal transfer.



	NS-125FP	NS-M125P	NS-C125
Recommended Usage	Front Channels	Surround Channels	Center Channel
Type	2-way bass-reflex design	2-way bass-reflex design	2-way bass-reflex design
Woofers	Dual 8cm white cone	Dual 8cm white cone	Dual 8cm white cone
Tweeter	2.2cm balanced dome	2.2cm balanced dome	2.2cm balanced dome
Magnetic Shielding	Yes	Yes	Yes
Twin Bass Reflex Ports	Yes	-	-
Heavy-Duty Ferrite Round-Shaped Bass Anchor	Yes		
Frequency Response	60Hz-35kHz	70Hz-35kHz	70Hz-35kHz
Sensitivity	86 dB/0.283 V/1 m	86 dB/0.283 V/1 m	86 dB/0.283 V/1 m
Input Power (Maximum/Nominal)	120 W/40 W	120 W/40 W	120 W/40 W
Impedance	6 ohms	6 ohms	6 ohms

YST-SW225 8" 150-Watts Powered Subwoofer

- ◆ Powerful Subwoofer with Advanced Technology for Top-Class Sound Quality. Ideal match for 225 PMD Series speakers.
- ◆ QD-Bass Technology
- ◆ Advanced YST II Technology
- ◆ PWM Digital Drive High Efficiency Amplifier
- ◆ 150W Dynamic Power BASS (Bass Action Selector System)
- ◆ 8" Multi-Range Driver with Magnetic Shielding
- ◆ 28-200Hz Low Frequency Reproduction
- ◆ Auto Standby with Sensitivity Selector



225 PMD Series

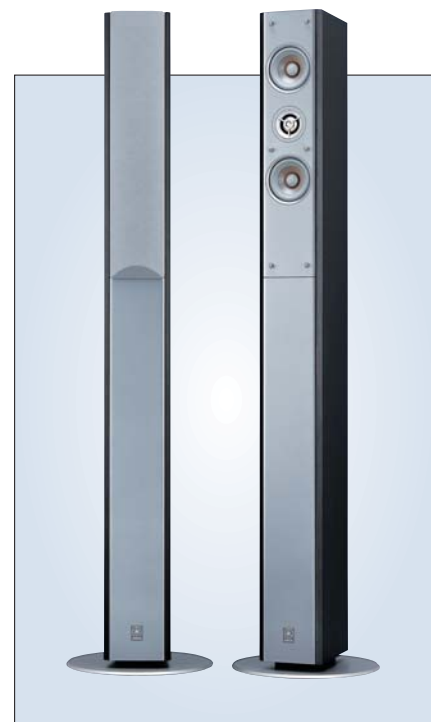
Digital Home Theater Speakers

Like the 125 Series, the 225 PMD Series is ideal for those who want high-quality, full-range sound but have limited space availability—perfectly matching thin-line home theater components, plasma monitors or flat-screen TVs.

The 225 PMD Series speakers combine high-power capabilities with excellent sensitivity and dynamic range. To prevent listening fatigue they use a PMD (Polymer-Injected Mica Diaphragm) cone woofer made of 30% high-quality white Indian pearl Mica—chosen for its excellent sound quality characteristics. The cone is extremely light, yet tough and durable, with excellent response speed. Adding to the audio's warmth are the high-quality wood cabinets finished with a luxurious polyurethane open-pore coating. For superior sound quality, each cabinet is designed to reduce diffraction and standing waves and to take full advantage of reverberation of natural wood.

Their high-performance 1 $\frac{1}{8}$ " tweeter features a dome made of an aluminum–magnesium alloy, with a DC-Diaphragm (integrated diaphragm and voice coil). The tweeter is also extremely light and durable to minimize overall performance loss and capable of up to 50kHz, which is rare for a 1 $\frac{1}{8}$ " dome tweeter. Highs are crisp and clear even at high power levels.

Sometimes it's the fine details that make all the difference between competing products. The NS225F bass reflex speaker uses two ports rather than the usual one to improve the bass response. They are precisely tuned to achieve the best low-frequency response and a higher attack speed. In addition, the NS-225F has a Bass Anchor with a heavy-duty round steel plate that provides stable support and dampens vibrations to create a deeper sound. The 225 PMD series speakers have high-quality brass and gold-plated terminals for the highest signal conductivity.



	NS-225F	NS-M225P	NS-C225
Recommended Usage	Front Channels	Surround Channels	Center Channel
Type	2-way bass-reflex design	2-way acoustic suspension	2-way acoustic suspension
Woofers	Dual 3-1/8" PMD cone	Quad 2-1/2" PMD cone	Dual 3-1/8" PMD cone
Tweeter	1-1/8" Aluminum Magnesium Dome	1-1/8" Aluminum Magnesium Dome	1-1/8" Aluminum Magnesium Dome
Direct Bobbin System	Yes	Yes	Yes
Magnetic Shielding	Yes	Yes	Yes
Real Wood Finish	Yes	Yes	Yes
Twin Bass Reflex Ports	Yes	-	-
Heavy-Duty Ferrite Round-Shaped Bass Anchor	Yes	-	-
Frequency Response	60Hz-50kHz	65Hz-50kHz	65Hz-50kHz
Sensitivity	86 dB/0.283 V/1 m	86 dB/0.283 V/1 m	86 dB/0.283 V/1 m
Input Power (Maximum/Nominal)	120 W/40 W	120 W/40 W	120 W/40 W
Impedance	6 ohms	6 ohms	6 ohms

NS-AW150 • NS-AW350

All-Weather Bookshelf Speakers

Made especially for patios, decks or garages, these weather resistant speakers make it easy to enjoy your favorite music outdoors. Available in black or white, the 120-watt NS-AW150 features a 5" polypropylene mica-filled woofer and 1/2" PEI dome tweeter, the 130-watt NS-AW350 steps-up with a 6.5" woofer and 1" tweeter. Both include mounting brackets and 5-way binding post speaker terminals. And both can be mounted horizontally or vertically.



NS-IW360C (Pair)

Natural Sound 2-Way Ceiling Speaker System

Easy-to-install, Yamaha's flush mount in-ceiling speakers deliver high performance sound in a low profile design. Nearly invisible, they feature an 8" cone woofer and 1" soft dome tweeter and accept up to 120-watts of power. Frequency response is 45Hz to 24kHz. Frame size diameter is 10⁹/₃₂". Speaker frames and grilles are paintable.

Yamaha's in-ceiling and in-wall speaker systems deliver high-performance sound in a low-profile design. These stylish, flush mount speakers blend easily with virtually any decor, and make powerful lifelike surround sound easy to install and easy to enjoy.

NS-IW760 Natural Sound 2-Way In-Wall Speaker System

Easy-to-install, Yamaha's flush mount in-wall speakers deliver high performance sound in a low profile design. Perfect for left, center, right channels, they are nearly invisible. They feature a dual 6-1/2" cone woofer and 1" soft dome tweeter and accept up to 130-watts of power. Frequency response is 50Hz to 24kHz. Frame size is 23⁷/₁₆" x 7¹/₁₆". Speaker frames and grilles are paintable.



	NS-AW350/W	N-AW150/W	NS-IW760	NS-IW360C
Woofers	6 ¹ / ₂ " High Compliance	6 ¹ / ₂ " High Compliance	Dual 6 ¹ / ₂ " Cone	8" Cone
Tweeter	1" PEI Dome	1/2" PEI Dome	1" PEI Dome	1" PEI Dome
Input Power Max/Nom	130 W / 40 W	120 W / 35 W	130 W / 40 W	120 W / 35 W
Frequency Response	45 Hz - 40kHz	55 Hz - 40kHz	50 Hz - 24kHz	45 Hz - 24kHz
Mounting Depth	—	—	2 ¹ / ₄ "	3 ³ / ₄ "
Dimensions (WxHxD)	7 ¹ / ₁₆ " x 13 ¹ / ₂ " x 8 ³ / ₁₆ "	5 ³ / ₁₆ " x 10" x 6"	7 ¹ / ₁₆ " x 23 ⁷ / ₁₆ " x 3"	10 ¹ / ₄ " x 4"
Weight	6.4 lbs	3.7 lbs	5.1 lbs	4.3 lbs

YST-FSW100**6.5" 130-watt Powered Subwoofer**

With a slim design—only 6-3/16" deep, the YST-FSW100 is a high performance subwoofer perfectly matched for today's plasma displays and flat TVs. It incorporates Advanced YST II (Yamaha Active Servo Technology) for deep, powerful bass, and a "Half Pipe" port designed to minimize unrelated noise. Ideal for use with TV subwoofer output, it features a powerful 6.5" multi-range driver with magnetic shielding to deliver 130w of dynamic power.

**YST-SW215****8" 150-watt Powered Subwoofer**

Incorporating Yamaha's Advanced YST (Active Servo Technology), YST-SW215 features a 150-watt amplifier and 8" spruce cone driver to deliver a frequency range of 30Hz to 200Hz. The subwoofer is magnetically-shielded, with a user adjustable continuously variable high cut filter that allows the sub's output to be matched to the other speakers in the system and the room's acoustics. The volume control permits the perfect matching of the sub's output to the overall volume of the system. For convenience, the YST-SW215 features a signal sensing circuit. When the subwoofer detects an audio signal, it turns power on. When it senses no signal for several minutes, it shuts off. Three-way speaker terminals accept banana plug and a variety of other connectors, as well as traditional speaker wire.

YST-SW315**10" 270-watt Powered Subwoofer**

A great way to supplement the bass of any sound system, the YST-SW315 features Advanced YST, an amplifier/speaker system to provide strong and accurate bass from small speakers. 10" driver and 270-watt amplifier assures enough power to deliver movie theater-like bass effects from 20Hz to 160Hz. Magnetically-shielded, it can be placed near your TV. The user-adjustable continuously variable high-cut filter sets the highest frequency the subwoofer will deliver. It can be set anywhere from 40Hz to 140Hz. This allows the sub's output to be matched to the other speakers in the system. The volume control permits the perfect matching of the sub's output to the overall volume of the system. The YST-315 also has a signal sensing circuit. The phase normal/reverse switch makes it easy to phase the subwoofer with the other speakers in your system. Two sets of inputs accept either line level or speaker level input signals, while three-way speaker terminals accept a variety of connectors.



NS-SP1600

5.1-Channel Home Theater Speaker Package

The Yamaha NS-SP1600 speaker package gives you the convenience of an all-in-one system with high quality speakers. Not only are these speakers perfectly matched for acoustics and design, but they take advantage of unique technologies that Yamaha originally developed for its high-end speakers. With a receiver and a DVD player, you'll enjoy movies with sensational surround sound. What's more, even with their extremely high quality, these speakers are small enough for easy positioning in rooms of any size.



Satellite Speakers (4)

- 2-way acoustic suspension
- 2.5" woofer and 1/2" dome tweeter
- Input power (maximum): 100 watts
- Wall hanging capability
- Removable grille cloth

Center Speaker

- 2-way acoustic suspension
- Dual 2.5" woofers and 1/2" dome tweeter
- Input power (maximum): 100 watts
- Wall hanging capability
- Removable grille cloth

Powered Subwoofer

- Advanced YST for powerful bass response
- QD-Bass technology for extraordinary power and smooth frequency response
- 6.5" cone woofer
- 100 watt power output

All speakers in the NS-SP1600, NS-P436, NS-PF4600 and NS-FP9500 packages are magnetically shielded (except for their subwoofers) allowing placement near or on your television.

NS-P436

6.1-Channel Home Theater Speaker Package

The NS-P436 is a 6.1-channel system offering five satellite/bookshelf speakers, a front center-channel speaker, and the 120-watt powered subwoofer. The satellites and the center-channel speaker all use acoustic-suspension designs with dual 2-inch drivers and a coaxial 1/2-inch tweeter mounted on one of the drivers. All are capable of handling up to 100 watts of power, and all speakers are magnetically shielded. The system is finished in piano black for great looks as well as great sound. The powered sub features Yamaha's patented Advanced YST (Active Servo Technology) generating incredible bass from its small enclosure.



Satellite Speakers (5)

- Two-way acoustic suspension design with a 2" full-range driver and coaxial 1/2" tweeter
- Input power (maximum): 100 watts
- Dimensions : 3 7/16 x 7 1/4 x 5 13/16" (WxHxD)
- Weigh 2.7 lbs. each

Center Speaker

- Two-way acoustic suspension design with dual 2" full-range drivers and coaxial 1/2" tweeter
- Input power (maximum): 100 watts
- 10-3/4 x 3-3/16 x 5-13/16" (WxHxD)
- Weigh 3.8 lbs.

Subwoofer

- QD-Bass technology for extraordinary power and smooth frequency response
- 6-1/2" Multi-range driver; 120w output power
- Advanced YST for powerful bass response
- Auto standby with sensitivity selector
- 11 x 12-13/16 x 12-5/8" (WxHxD); 20 lbs

NS-FP4600

5.1-Channel Home Theater Speaker Package

A sleek and stylish, all-in-one, 5.1-channel speaker system, the NS-FP4600 features slim-profile, but powerful and accurate speakers to perfectly match today's plasma monitors. The system also includes aluminum-extruded tabletop speaker stands for the front speakers and all satellite speakers have a removable grille cloth. The speakers are perfectly matched for acoustics and design, and take advantage of technologies that Yamaha originally developed for its high-end speakers. With a receiver and a DVD player, you'll enjoy movies with sensational surround sound.



Front Speakers

- 3-way acoustic suspension design with four 4" woofers and 3/4" soft dome tweeter
- Input power (maximum): 120 watts
- Dimensions: 7.4 x 23.8 x 3.9" (WxHxD)

Center & Surround Speakers

- 100 watt center-channel with 2-way acoustic suspension with two 4" woofers and 3/4" soft dome tweeter. 14.6 x 4.3 x 4.3" (WxHxD)
- 100-watt 2-way surround speakers with two 3" woofers and 1/2" balanced dome tweeter. Measure (each) 5.1 x 8.5 H x 4.4" (WxHxD).

Subwoofer

- QD-Bass technology for extraordinary power and smooth frequency response
- Advanced YST for powerful bass response
- 6-1/2" Multi-range driver; 100w output power
- Measures 11 x 12.8 H x 11.5" (WxHxD)

NS-FP9500

6.1-Channel Home Theater Speaker Package

A home theater speaker system with a unique look, the NS-FP9500 is designed to compliment plasma or flat silver TV monitors. The slim-profile main surround speakers match plasma monitors perfectly, and include stands so they can be used as floor standing speakers, or they can be detached from the stands for wall mounting. The surround satellite speakers are the same but don't include speaker stands. The center channel also includes a detachable speaker stand and can be wall mounted horizontally or vertically. Each speaker includes 5-way binding post speaker terminals and removable grille cloth. For low frequency effects, the system includes the YST-SW0308", 130-watt cube-type high-power subwoofer.



Front Speakers

- 3-way acoustic suspension design with four 4" woofers and 3/4" tweeter
- Detachable from stands for wall mounting

Surround Satellite Speakers

- 3-way acoustic suspension design with four 4" woofers and 3/4" tweeter
- Wall mountable

Center Speaker

- 3-way acoustic suspension design with four 4" woofers and 3/4" tweeter
- Detachable speaker stand

Powered Subwoofer

- Advanced YST Active Servo Technology
- 130-watts of power; 8" cone woofer driver
- Frequency response: 28Hz to 200Hz

Optional Stands

Enjoy the full benefits of surround sound in a compact entertainment area. Easy installation provides optimum placement of main and surround speakers for your Yamaha Home Theater.

SPS-9500 Tabletop StandsCALL

SPS-9500P Floor Stands.....CALL

DVX-C300

5.1-Channel Home Theater System with Integrated 5-Disc DVD Changer/Receiver

The DVX-C300 is a complete home theater solution equipped with a stylish five-satellite-speaker package and 150W subwoofer. It also includes a combination progressive scan 5-disc DVD and a A/V receiver in slim unit. The system delivers 900 watts of total power (150-watts x 5, plus the subwoofer) and offers a selection of 8 (four movie and four music) surround sound programs tailored to specific sound sources.

Compatible with DVD-Audio/Video, SA (Super Audio) CD, DVD-R/RW, DVD+R/RW discs. Also compatible with MP3, JPEG, DivX and WMA (Multisession) file formats.



FEATURES

- ◆ Choose from 8 surround sound programs tailored to specific sound sources: four movie programs (Sci-Fi, Action, Drama and Concert) and four music programs (Digital, Rock, Jazz and Classic). Dolby Digital, DTS and Dolby Pro Logic II decoders mean you can use any of these popular formats.
- ◆ Independent 7-band bass and treble controls and 30-station presets.
- ◆ 5-disc carousel DVD changer for long playing time and direct selection from all discs. PlayXchange lets you change discs while the current one continues to play. You don't have to stop the movie or music to change a disc and you can change more than one. Plus, press stop, the tray opens all the way, allowing you to change all five discs at once.
- ◆ The DVX-C300 makes operation extremely simple by displaying a variety clearly understandable GUI menus right on the monitor screen. It's easy to select and adjust any desired function with the remote control.
- ◆ Uses CD Upsampling to raise the CD sampling rate for richer, more accurate sound reproduction.
- ◆ Zoom, rotate, flip and scan JPEG images
- ◆ You can adjust the picture with Brightness, Contrast, Tint and Color controls to ensure you get the best image quality with each video source and type of room lighting.
- ◆ Other features include Night Listening mode, CD text display, 3-step dimmer, timer and disc lock function and 5-disc memory.

DVX-C300 Speakers

- ◆ Includes five magnetic-shielded 2-way speakers (front, center, surround) for exceptionally rich surround sound. The front and surround speakers have a 2-1/2" woofer and 1" tweeter. The center-channel speaker has two 2-1/2" woofers and a 1" tweeter. The front and center-channel speakers can have their grill cloth removed.
- ◆ The 150-watt subwoofer incorporates a 6-1/2" drive and Advanced YST technology to deliver it's earth shattering sound from a compact enclosure. It maintains speaker impedance at zero to eliminate unwanted resonances, ensuring that sound pressure levels are maximized with no added distortion.

DVX-C700

5.1-Channel Home Theater System with Integrated 5-Disc DVD Changer/Receiver



This system is identical to the DVX-C300 except it includes five magnetic-shielded speakers (front, center, surround) with high-grade MDF cabinets for exceptionally rich surround sound.

The front speakers have a 6.5" woofer and 3/4" tweeter, the surround speakers have a 3" woofer and 1/2" tweeter. The center-channel speaker has two 3" woofers and a 3/4" tweeter.

YHT-160

650-watt 5.1-Home Theater Package (no DVD player)

The YHT-160 delivers everything you need for 5.1-channel surround sound, including the HTR-5830 550-watt (110-watt per channel) receiver, four magnetically-shielded satellite speakers and center-channel speaker, and a cube-type high-power 100-watt 6.5" powered subwoofer with Advanced YST and QD-Bass technology. It features Yamaha's Cinema DSP for the reproduction of



14 different realistic soundscapes in your room, as well as Dolby Digital EX/Matrix 6.1, DTS/Matrix 6.1 and Dolby Pro Logic II decoding, and 6-channel external input for DVD-Audio and Super Audio CD (SACD). Also features Night Listening Mode, 3 digital inputs, 40 AM/FM preset stations, 14 surround programs, 5-band center graphic EQ, and speaker A or B selection. All components come in a beautiful silver finish. Includes infrared preset remote control for easy system operation.

FEATURES

HTR-5830 Receiver

- ◆ Delivers 550 watts of total power over five channels with 192kHz/24-bit converters for all channels delivering superior audio.
- ◆ Dolby Digital EX/Matrix 6.1 and DTS/Matrix 6.1 decoders let you play 6.1-channel movies without the extra speaker
- ◆ 6-channel external decoder input allows you to connect components like DVD-Audio and SACD players as well as allow room for future formats.
- ◆ 5-band center graphic equalizer
- ◆ Silent Cinema mode allows you to hear large-scale surround sound through ordinary headphones. This lets you listen in private to movies and other multi-channel sources for hours without listening fatigue.
- ◆ Yamaha's Quad- and Tri-Field Cinema DSP technology creates amazingly realistic fields of sound in your room. The 14 surround programs provide extensive listening versatility.
- ◆ Four video (2 component) inputs and one component video output offer high-quality picture for DVD players, HDTV, etc.
- ◆ Speaker A or B selection
- ◆ Includes remote control with preset codes for other manufacturers equipment.

Powered Subwoofer

- ◆ High power 100w Advanced YST Subwoofer with 8" driver
- ◆ A unique Yamaha technology, Advanced YST (Active Servo Technology) precisely governs the motion of the low-frequency drivers to generate maximum output from a relatively small speaker enclosure.
- ◆ QD-Bass (Quatre Dispersion Bass) technology uses down-firing drivers with square, pyramid-shaped reflective plates to radiate the sound efficiently in four horizontal directions.
- ◆ Magnetically shielded for video use
- ◆ Frequency Response: 30Hz to 200Hz

Speaker Package

- ◆ Four magnetically-shielded satellite speakers. Each speaker is equipped with 2½" full-range speaker driver with aluminum dust cap and can handle up to 100-watts each. Frequency response is 28Hz to 22kHz. They measure 4.0 x 6.4 x 4.0" (WxHxD).
- ◆ The magnetically-shielded center-channel speaker is equipped with two 2½" full-range speaker drivers with aluminum dust cap and can handle up to 100-watts each. Frequency response is 75Hz to 20kHz. Measures 11.9 x 4.0 x 4.0" (WxHxD).

CINEMA DSP Technology

Yamaha's Quad-Field CINEMA DSP creates four independent sound fields (front, surround left, surround right and surround back) that merge to envelop you in an unmatched surround sound experience. You hear movies and music with accurate sound localization, smooth movement across the sound space, exceptional clarity and remarkably realistic presence. It will seem as if the walls of your room have disappeared and you're in the middle of your own immense theater.

Silent Cinema makes it possible to hear large-scale surround sound through ordinary headphones. This lets you listen in private to movies for hours without listening fatigue.

YHT-360

720-watt XM-Ready 5.1-Home Theater System (no DVD player)

*The YHT-360 Home Theater System
steps-up from the YHT-160*

*(previous page) with
an impressive 720-
watts of power from
it's satellite-ready A/V
receiver, voiced
matched speaker pack-*



age and a 10" sub-woofer. The speaker package includes two 2-way front speakers with 6.5" woofer and 3/4" balanced dome tweeter, two 2-way surround speakers with 3" cone woofers and 1/2" tweeter and a center speaker with dual 3" woofers and 3/4" balanced dome tweeter. In addition to Dolby Digital EX/Matrix 6.1, DTS/Matrix 6.1 and Dolby Pro Logic II decoding, the YHT-360 also offers DTS Neo:6 and DTS 96/24 compatibility. Other step-up features include Digital ToP-ART and high current amplification, speaker A or B selection as well as A+B selection, and front panel A/V input.

FEATURES

HTR-5835 Receiver

(step-up from the HTR-5830)

- ◆ Delivers 600 watts of total power over five channels with 192kHz/24-bit converters for all channels delivering superior audio.
- ◆ Front panel A/V input for convenience
- ◆ During low-volume listening, such as late at night, dynamic range suffers and you may miss some sounds. The Night Listening Enhancer offers two modes, Cinema and Music, with three level selectability, to ensure that you don't miss movie dialogue or quiet passages, or lose overall surround spaciousness. Works for all surround programs including Dolby Pro Logic IIx.
- ◆ Analog Mixdown lets you enjoy 5.1 channel sound from four speakers, two front and two surround by mixing the center and sub-woofer channel into the two front channels.
- ◆ Digital ToP-ART design combines the latest and best technologies, parts and circuit designs to maximize sound quality.
- ◆ High Current Amplification uses superior components to achieve high current power with low impedance from input to output.
- ◆ Speaker A, B or A+B selection

Speaker Package

- ◆ Two magnetically-shielded 2-way front speakers 6.5" driver and 3/4" balanced dome tweeter. The two 2-way surround speakers feature two 3" drivers with 1/2" tweeter. Each can handle up to 120 watts. Frequency response is 25Hz to 35kHz.
- ◆ The magnetically-shielded center-channel speaker is equipped with two 3" drivers and 3/4" balanced dome tweeter. Can handle up to 120-watts. Has a removable grill cloth.

Powered Subwoofer

- ◆ High power 120w Advanced YST Subwoofer with 10" driver
- ◆ A unique Yamaha technology, Advanced YST (Active Servo Technology) precisely governs the motion of the low-frequency drivers to generate maximum output from a relatively small speaker enclosure.
- ◆ QD-Bass (Quatre Dispersion Bass) technology uses down-firing drivers with square, pyramid-shaped reflective plates to radiate the sound efficiently in four horizontal directions.
- ◆ Has a removable grill cloth.
- ◆ Frequency Response: 30Hz to 200Hz

XM Satellite Ready

Using XM Satellite's revolutionary Connect-and-Play technology, the HTR-5835 is XM-Ready. All you need to get the crystal clear digital sound of XM is the Connect-and-Play antenna (and a subscription of course). XM Radio is over 130 digital channels of sheer variety; music sports, talk, comedy, drama, news, traffic, and weather and more. Now is the time to hear satellite radio as never before, with a fully integrated system from the leader in home audio.

- | | | |
|--|------------------------------|----------------------------------|
| ◆ Hear what you want, when you want it | ◆ 100% commercial free music | ◆ 24/7 Instant Traffic / Weather |
| ◆ Over 130 digital channels | ◆ Near-CD digital quality | ◆ Major League Baseball |

YHT-560**650-watt 5.1-Home Theater Package with DVD Player**

A complete system including A/V receiver, DVD player, speakers and subwoofer, the YHT-560 makes it easy to start enjoying quality home theater. Includes the same HTR-5830 A/V receiver as the YHT-160 but adds the single-disc DV-S5860 Progressive Scan DVD player and an upgraded speaker package. Has a slightly smaller subwoofer.

**Same A/V Receiver (HTR-5830) as the YHT-160****Speaker Package**

- ◆ Four satellite (two front, two surround), and center-channel silver, gloss-finished, magnetically-shielded, 2-way speakers. Each handles up to 110 watts. The satellites have a 2.5" driver and 1/2" tweeter. The center-channel speaker has two 2.5" drivers and 1/2" tweeter.
- ◆ The 6.5" driver 100-watt subwoofer features Advanced YST and QD-Bass technology. Has a removable grill.

DVD Player (DV-S5860)

- ◆ The DV-S5860 is a slim, progressive scan DVD player with outstanding picture and sound quality. It has a host of high-end features including DVD-Audio and Super Audio CD playback and 2x/4x CD Upsampling.
- ◆ Compatible with VR format recorded DVD-RW and DVD+R double layer (DL) discs. It offers MP3, JPEG, DivX and WMA multisession playback. For convenience, it features a 'Night Mode' as well as a sleep function.

YHT-760**720-watt XM-Ready 5.1-Home Theater System with 5-Disc DVD Changer**

A complete system, this package is actually the same as the YHT-360 except that it comes in silver and adds a 5-disc DVD changer, the Yamaha DV-C6771. It includes the XM-ready HTR-5835 A/V receiver, and the same speakers and subwoofer.

**Same as the YHT-360 PLUS—**

- ◆ Includes the DV-C6771 DVD 5-disc changer. The DV-C6771 has all the features of the DV-S5860 (above) plus a 5-disc carousel DVD changer. This gives you the benefits of extended playing time and direct selection from all discs. And with Yamaha's PlayXchange, you can change discs while the current one continues to play. You don't have to interrupt the movie or music to change a disc and you're not limited to changing only one disc at a time. What's more, when you press stop, the tray opens all the way, allowing you to change all five discs at once. (See page 136 for complete feature description).

YHT-860

750-watt XM-Ready 5.1-Home Theater System (no DVD player)

The YHT-860 is an impressive 750-watt system with five speakers and an 8-inch sub-woofer for producing great sound at all ranges. This system includes a digital A/V receiver, one center speaker, four tower surround speakers, and a 120-watt sub-woofer that will bring movies and music to life in your living room.

In addition to Dolby Digital, Pro Logic II, DTS, DTS/Matrix 6.1, the YHT-860 also features Yamaha's Cinema DSP for the reproduction of 14 different realistic soundscapes in your room. Including a remote control for all your A/V needs and plenty of inputs and outputs for all your equipment (including digital and component),

this silver, stylish system is also equipped with a number of other useful features including night listening mode, 40 station presets, 6-channel external decoder input terminals for future upgrades and more.

This system is XM satellite ready (XM antenna is optional). A step above the rest, the YHT-860 also includes component video upconversion, 4 digital inputs, subwoofer crossover, and quad 2" front and center channel speakers.



FEATURES

HTR-5850 Receiver (step-up from the HTR-5830)

- ◆ 6.1 channel surround sound with 105 watts per channel (630 watts total)
- ◆ Easy set-up menu
- ◆ The adjustable subwoofer crossover provides a choice of nine frequencies delivering maximum efficiency and performance.
- ◆ Subwoofer Phase Selection provides phase switching for improved bass response.
- ◆ 7-band center graphic equalizer
- ◆ Audio Delay to adjust lip-sync (0–160 ms)
- ◆ Three-step audio mute
- ◆ Direct Stereo mode for the highest quality 2-channel sound reproduction
- ◆ High picture quality with full HDTV (720p/1080i) compatibility, allows you to use the best possible cable connection between the receiver and your TV.
- ◆ Three optical and one coaxial digital inputs and one optical digital output
- ◆ Color-coded remote control for convenience

Speaker Package

- ◆ Two magnetically-shielded 2-way front speakers with four 2" drivers and 1/2" balanced dome tweeter. Two magnetically-shielded surround speakers feature two 2" drivers with 1/2" tweeter. Each can handle up to 100 watts. Frequency response is 25Hz to 35kHz. Front and surround speakers include extruded aluminum stands. The stands are removable and the speakers can be wall-mounted.
- ◆ Magnetically-shielded 2-way center-channel speaker with four 2" drivers and 1/2" balanced dome tweeter.

Powered Subwoofer

- ◆ Magnetically-shielded, high power 120w Advanced YST Subwoofer with 10" driver
- ◆ Advanced YST (Active Servo Technology) precisely governs the motion of the low-frequency drivers to generate maximum output from a relatively small speaker enclosure.
- ◆ QD-Bass (Quatre Dispersion Bass) technology uses down-firing drivers with square, pyramid-shaped reflective plates to radiate the sound efficiently in four horizontal directions.
- ◆ Frequency Response: 30Hz to 200Hz

Component Video Up Conversion

Up video conversion (composite to S-Video and component, S-Video to component) as well as down video conversion (S-Video to composite) is automatically applied to incoming signals. This means that you simply use the best possible cable between the receiver and the TV, and then whatever the source is, you are assured of getting the highest possible quality.

YHT-960

760-watt XM-Ready 5.1-Home Theater System with 5-Disc DVD Changer

Like the YHT-860, the YHT-960 includes the XM-ready HTR-5850 A/V receiver plus it adds the DV-C6771 progressive scan 5-disc DVD changer capable of DVD-Audio/SACD playback (see p. 273 for details). It's magnetically-shielded speaker package includes two 2-way front speakers with quad 4" drivers and 3/4" dome tweeter with extruded aluminum speaker stands. Two-way center-channel speaker with dual 3" woofers and 3/4" dome tweeter. Two 2-way surround speakers with 3" woofer and 1/2" dome tweeter. For low frequency effects, it includes a high-power 8-inch driver, 130-watt Advanced YST subwoofer (also magnetically-shielded) with removable grill cloth.



	YHT-960	YHT-860	YHT-760	YHT-560	YHT-360	YHT-160
AV Receiver						
RMS Output Power (1kHz)	105W x 6	105W x 6	120W x 5	110W x 5	120W x 5	110W x 5
DTS 96/24 / DTS Neo:6 / DTS ES Discrete 6.1	Yes	Yes	Yes	6.1 Compatible	Yes	6.1 Compatible
Dolby Digital EX / Dolby Pro Logic IIx	Yes	Yes	Yes	Pro Logic II	Yes	Pro Logic II
XM Satellite Radio Ready	Yes	Yes	Yes	—	Yes	—
Component Video Up-Conversion	Yes	Yes	—	—	—	—
Front A/V Input	Yes	Yes	Yes	—	Yes	—
Dialog Lift	Yes	Yes	—	—	—	—
DVD Player						
Type	5-Disc Changer	—	5-Disc Changer	Single Disc	—	—
Progressive Scan	Yes	—	Yes	Yes	—	—
DVD-Audio / SA-CD Playback	Yes	—	Yes	Yes	—	—
Speaker Package						
Cabinet Type	MDF / Plastic	Plastic / Alum.	MDF	Plastic	MDF	Plastic
Front Speakers (Woofer, Tweeter Size)	Quad 4" / 3/4"	Quad 2" / 1/2"	6 1/2" / 3/4"	2 1/2" / 1/2"	6 1/2" / 3/4"	2 1/2" Full Range
Center Speakers (Woofer, Tweeter Size)	Dual 3" / 3/4"	Quad 2" / 1/2"	Dual 3" / 3/4"	Dual 2 1/2" / 1/2"	Dual 3" / 3/4"	Dual 2 1/2"
Surround Speakers (Woofer, Tweeter Size)	3" / 1/2"	Dual 2" / 1/2"	3" / 1/2"	2 1/2" / 1/2"	3" / 1/2"	2 1/2" Full Range
Removable Grill Cloth	Yes	—	—	Yes	Main / Center	—
Speaker Stands	Main	Main / Surround	—	—	—	—
Subwoofer						
Driver Size / Power Output	8" / 130W	8" / 120W	10" / 120W	6 1/2" / 100W	10" / 120W	8" / 100W

YSP-1 • YSP-800 • YSP-1000

Digital Sound Projectors for Elegant Home Theater

Nothing short of an audio breakthrough, Yamaha's revolutionary Digital Sound Projectors offer the most convenient way yet to achieve multi-channel surround sound from a single unobtrusive source component. No more multiple speakers, no more clutter, no more hiding wires... just the pure excitement of bringing your movies and music to life.

The YSP-1, YSP-800 and YSP-1000 employ sophisticated digital sound projector technology that includes a delay-controlled digital amplifier for each driver, to create "beams" of sound that are precisely aimed for optimum surround sound effect. Designed for a variety of room configurations, these focused beams produce direct and reflected sound waves that



provide true multi-channel surround sound, as well as stereo and three-channel sound. Compatible with Dolby Digital, DTS, Dolby Pro Logic II and DTS Neo:6 surround sound formats.

The YSP-800 (designed for 26-32" flat TVs) and the YSP-1000 (designed for 42" flat TVs) step-up with an Automated System Calibration function that adjusts the beams of sound, and also includes Yamaha's Parametric Room Acoustic Optimizer (YPAO) technology to provide automatic setup. They also add a "Target Beam Mode," which focuses one sweet spot for best listening anywhere in the room.

Multi-Channel Solution for Every Room

Sophisticated Digital Sound Projector technology precisely controls the direction of sound by focusing it into beams. The sound is both direct and reflected off the walls so it sounds like there are actually speakers behind and to the side of the listener. The result is true multi-channel surround sound that is just like a multi-speaker system—without the need for extra speakers or cables. Multiple channels are overlaid to recreate the desired sound. In

a multi-channel configuration, the sound beams are placed together, recreating the sound of multi-channel surround.



Multiple Beam Modes for any Room Situation:

Five-Beam: All five channels - L, R, C, Ls and Rs - are given separate orientations. Sound is beamed off the walls to create the effect of a surround system with rear speakers.

Stereo: The left and right woofers, with the multiple beam speakers acting as tweeters, reproduce the effect of conventional stereo speakers.

Three-Beam: Three beams are produced: L+ Ls, R+ Rs and C. A surround sound effect is created by reflecting the sound off the walls.

Stereo + Three-Beam: The L and R channels are produced using stereo mode while C, Ls and Rs are produced using beaming. This mode is effective when the Digital Sound Projector placed in a corner.

YSP-1 • YSP-800 • YSP-1000

Easy Set-Up

Setting up a Digital Sound Projector is much easier than a conventional home theater system because multiple speakers and extra wiring are eliminated. Installation of this system is so versatile that you can place it next to or on top of, your video display.... or if you have a wall-mounted display you can use the optional wall-mount bracket to place it securely on the wall. No matter if your room square or rectangular, or if you have the projector in a corner or another part of the room, the system is flexible enough for virtually any room configuration.

They allow users to set up its acoustics projection via graphical user interface (GUI) on TV, or the front LCD panel. With the Easy Setup option, listening environment configuration is based on three parameter settings: Room Type, Room Shape and Speaker Position.

Room Type:

The on-screen display allows the user to specify the room dimensions and other settings while viewing the TV screen. The fluorescent display on the unit can also be used. W: room width, L: room length, X: speaker position, Y: listening position

Room Shape:

If the 'sonic image' reflected off the right and left walls is insufficiently focused or the right/left balance is slightly off, it can be repositioned using a "phantom" effect relative to the sound from the center.

Speaker Position:

The user uses test tones to adjust beam angles etc. via the remote control. The focal length and range of the beam can be set for each channel individually.

Other fine-tuning settings include:

- ◆ Room Equalizer
- ◆ Overall audio characteristics of the room
- ◆ Tone Control
- ◆ Treble and bass settings for each channel
- ◆ Level Adjustment
- ◆ Volume level settings for each channel
- ◆ Three memory locations for storing settings
- ◆ Includes preset remote control

Easy to Install & Simple to Use

The YSP-1 and YSP-800 easily connect to existing set ups via two optical inputs, one coaxial digital input, and two analog inputs. There is even a subwoofer output. In addition, a RS-232C interface (YSP-1 only) is provided for customization and a preset remote control is included that can also control TVs and DVD players.

The YSP-1000 provides two component video inputs and three composite video inputs, and provides custom installation features such as IR pass through, IR in, and an RS-232C terminal for custom control integration.

YSP-800 and YSP-1000 Only

They employ the IntelliBeam Automated Calibration System, which is based on Yamaha's Parametric Room Acoustic Optimizer (YPAO) from their stereo receivers to ensure optimum multi-channel sound reproduction with accurate image location by monitoring and analyzing the sound. This is achieved with a tiny microphone that will analyze the sound coming from the speakers and automatically calibrate it to fit your particular room. IntelliBeam automatically sets the best beam angles and modes, while optimizing the level and frequency response of each beam. This makes initial setup both extremely simple (under five minutes) while acoustically perfect. Like the YSP-1, manual setup is also possible.

TV Equal Volume mode prevents sudden bursts of loud sounds occasionally experienced when a commercial comes on while viewing your program.

The YSP-1000 and YSP-800 are available in silver and black versions to match the latest video display cosmetics. (YSP-1 comes in silver only).

	YSP-1000	YSP-800	YSP-1
Total Power	120W	82W	120W
Dolby Digital / Pro Logic IIx	Yes	Yes	Yes
SRT TruBass	Yes	Yes	—
Audio Inputs	2	2	2
Digital Inputs (optical/coaxial)	2/1	2/1	2/1
Component Video I/O	2/1	2/1	2/1
Composite Video I/O	3/1	—	—
IntelliBeam/YPAO w/Mic	Yes	Yes	—
Night Listening mode	Yes	Yes	Yes
On-Screen Display	Yes	Yes	Yes
Set-up Menu	Easy/Manual	Easy/Manual	Easy/Manual
Memory Settings	3	3	3
Room Equalizer	Yes	Yes	Yes
Parameter Settings	Yes	Yes	Yes
H/V Angle Adjustment	Yes	Yes	Yes
Target Beam Mode	Yes	Yes	—
Subwoofer Out	Yes	Yes	Yes
RS-232 Interface	Yes	—	—
IR Pass Through	Yes	—	—
Magnetic Shielding	Yes	Yes	Yes